

Data File : VX000396.D

Acq On : 22 Mar 2018 10:34

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Mar 23 05:39:57 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	76317	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	5.51	113	58767	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.72	98	250206	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.15	95	94500	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58254	46.06	ug/l	94
3) Chloromethane	1.32	50	60178	45.17	ug/l	93
4) Vinyl Chloride	1.41	62	68672	48.78	ug/l	98
5) Bromomethane	1.64	94	102691	60.92	ug/l	100
6) Chloroethane	1.73	64	44945	53.44	ug/l	95
7) Trichlorofluoromethane	1.93	101	121276	47.73	ug/l	98
8) Diethyl Ether	2.19	74	42419	46.71	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69331	48.93	ug/l	99
10) Methyl Iodide	2.52	142	62560	45.03	ug/l	100
11) Tert butyl alcohol	3.07	59	124995	242.58	ug/l	99
12) 1,1-Dichloroethene	2.38	96	60745	48.84	ug/l	99
13) Acrolein	2.29	56	36345	222.61	ug/l	97
14) Allyl chloride	2.73	41	110682	50.38	ug/l	99
15) Acrylonitrile	3.15	53	249920	239.47	ug/l	99
16) Acetone	2.45	43	328619	263.71	ug/l	98
17) Carbon Disulfide	2.57	76	156166	47.20	ug/l	100
18) Methyl Acetate	2.78	43	130066	49.79	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	222068	48.27	ug/l	95
20) Methylene Chloride	2.86	84	68045	47.28	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	64848	46.74	ug/l	91
22) Diisopropyl ether	3.88	45	214450	55.15	ug/l	98
23) Vinyl Acetate	3.83	43	1032703	280.15	ug/l	99
24) 1,1-Dichloroethane	3.70	63	120071	49.11	ug/l	100
25) 2-Butanone	4.71	43	351266	250.78	ug/l	99
26) 2,2-Dichloropropane	4.60	77	84226	49.15	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	62754	48.39	ug/l	98
28) Bromochloromethane	5.03	49	52098	51.68	ug/l	100
29) Tetrahydrofuran	5.17	42	207919	241.26	ug/l	99
30) Chloroform	5.23	83	112662	49.17	ug/l	96
31) Cyclohexane	5.59	56	91800	48.57	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	101205	48.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	82897	48.36	ug/l	98
37) Ethyl Acetate	4.87	43	111963	47.82	ug/l	100
38) Carbon Tetrachloride	5.79	117	89612	49.84	ug/l	95

Data File : VX000396.D

Acq On : 22 Mar 2018 10:34

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Mar 23 05:39:57 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106959	51.31	ug/l	97
40) Benzene	6.15	78	249356	50.10	ug/l	96
41) Methacrylonitrile	5.07	41	58861	47.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98403	50.39	ug/l	99
43) Isopropyl Acetate	6.48	43	178659	51.26	ug/l	99
44) Trichloroethene	7.22	130	71596	50.21	ug/l	95
45) 1,2-Dichloropropane	7.52	63	65898	51.72	ug/l	98
46) Dibromomethane	7.67	93	50568	50.56	ug/l	98
47) Bromodichloromethane	7.91	83	92823	52.75	ug/l	99
48) Methyl methacrylate	7.79	41	87292	51.59	ug/l	99
49) 1,4-Dioxane	7.77	88	34530	970.89	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	715440	265.21	ug/l	99
52) Toluene	8.79	92	176803	50.81	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	108011	52.97	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	105689	53.44	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73753	51.54	ug/l	98
56) Ethyl methacrylate	9.19	69	113989	52.57	ug/l	99
57) 1,3-Dichloropropane	9.38	76	121895	53.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	290671	279.30	ug/l	98
59) 2-Hexanone	9.51	43	605313	264.26	ug/l	100
60) Dibromochloromethane	9.59	129	79657	47.28	ug/l	99
61) 1,2-Dibromoethane	9.68	107	80292	52.32	ug/l	99
64) Tetrachloroethene	9.34	164	76697	51.95	ug/l	98
65) Chlorobenzene	10.15	112	205472	48.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	72611	50.50	ug/l	99
67) Ethyl Benzene	10.26	91	357031	49.75	ug/l	99
68) m/p-Xylenes	10.37	106	277345	98.21	ug/l	98
69) o-Xylene	10.71	106	136130	49.79	ug/l	100
70) Styrene	10.72	104	230022	50.84	ug/l	98
71) Bromoform	10.87	173	63009	42.81	ug/l #	97
73) Isopropylbenzene	11.02	105	376445	49.36	ug/l	99
74) N-amyl acetate	6.48	43	178659	54.01	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	131660	48.81	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	157483	63.66	ug/l	83
77) Bromobenzene	11.26	156	92468	45.51	ug/l	97
78) n-propylbenzene	11.37	91	447671	49.23	ug/l	99
79) 2-Chlorotoluene	11.43	91	253268	48.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	327253	51.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	38045	49.79	ug/l	96
82) 4-Chlorotoluene	11.52	91	313214	49.93	ug/l	100
83) tert-Butylbenzene	11.78	119	315033	48.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	340205	50.60	ug/l	99
85) sec-Butylbenzene	11.96	105	408964	51.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	365978	51.49	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	185431	48.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	194921	48.33	ug/l	98
89) n-Butylbenzene	12.40	91	339763	51.34	ug/l	99
90) Hexachloroethane	12.60	117	58435	52.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	185298	49.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37095	49.31	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032218\
Quantitation Report (Not Reviewed)

Data File : VX000396.D
Acq On : 22 Mar 2018 10:34
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

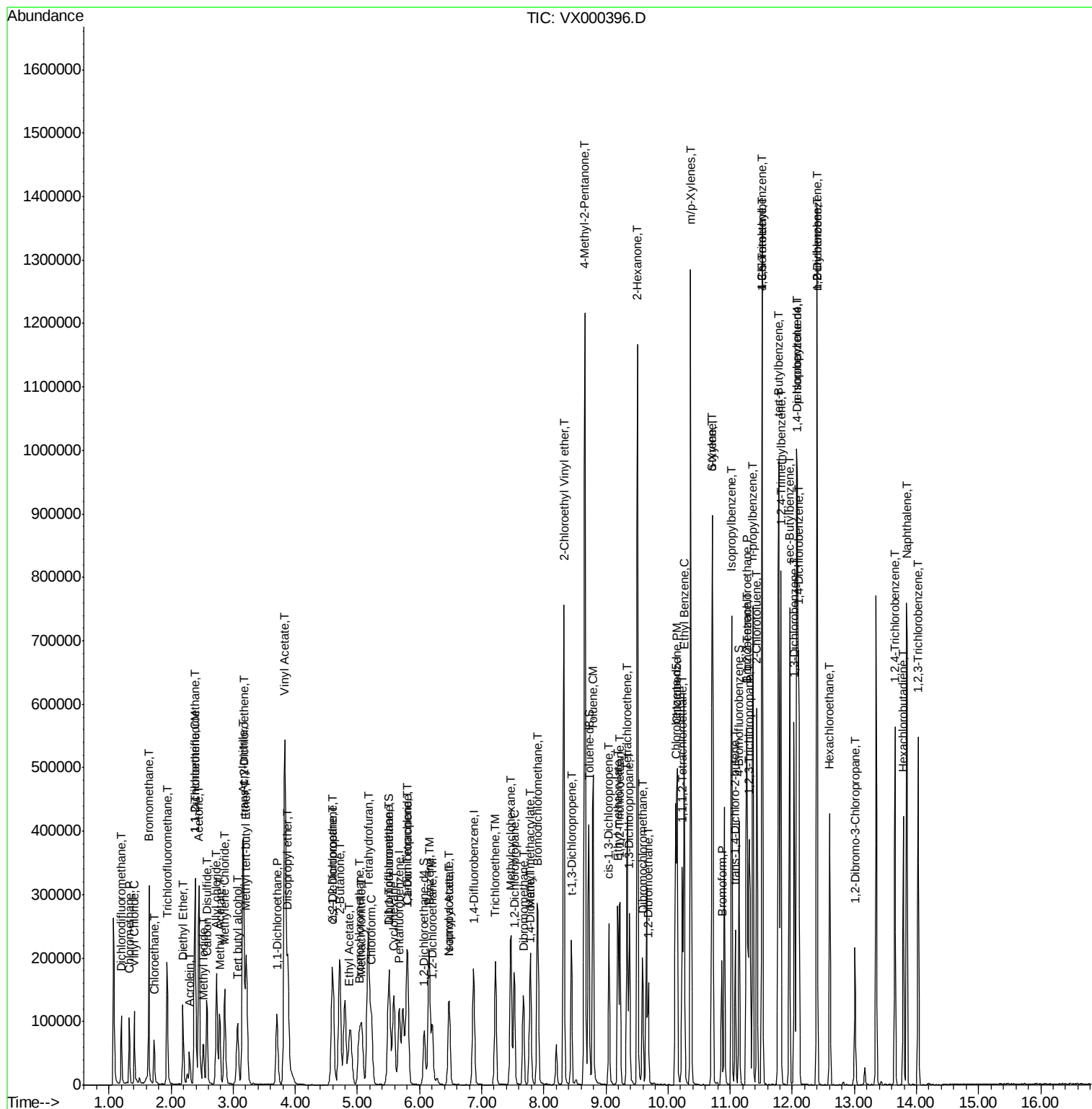
Quant Time: Mar 23 05:39:57 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

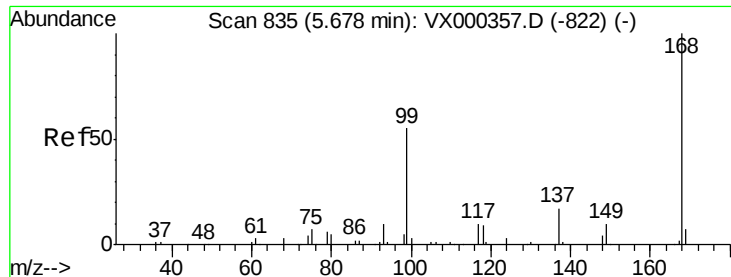
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129482	47.96	ug/l	98
94) Hexachlorobutadiene	13.79	225	56702	50.72	ug/l	98
95) Naphthalene	13.84	128	463335	49.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	130297	48.84	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
ALS Vial      : 2      Sample Multiplier: 1
```

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

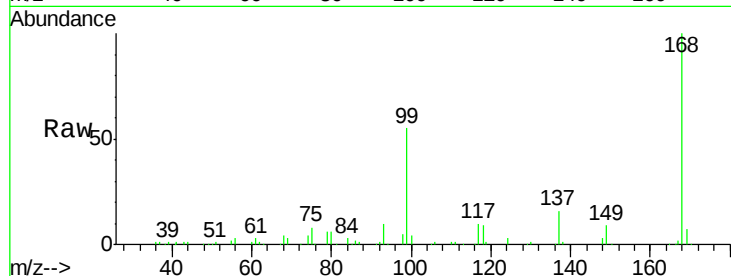
BFB

Tgt Ion:168 Resp: 114758

Ion Ratio Lower Upper

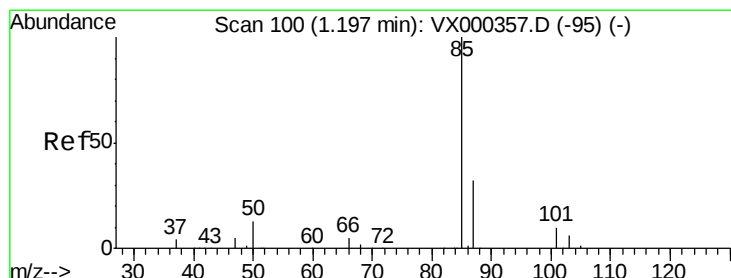
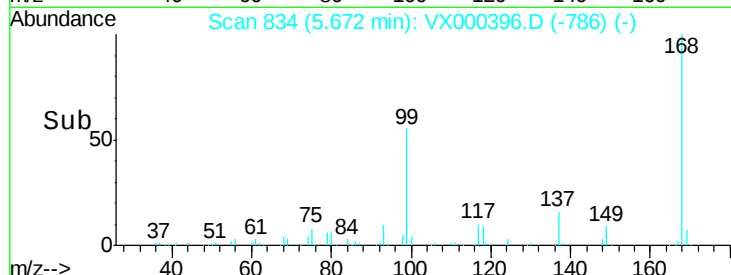
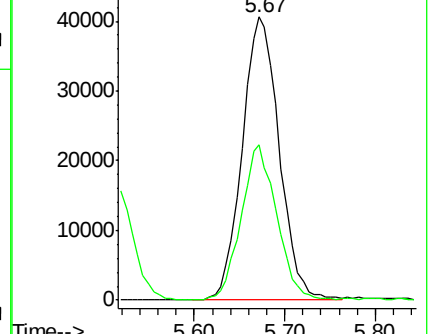
168 100

99 54.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000396.D

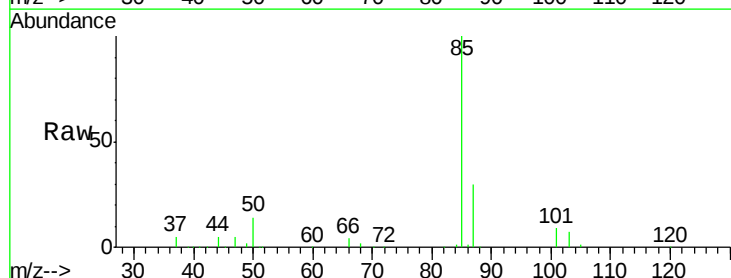
Acq: 22 Mar 2018 10:34

Tgt Ion: 85 Resp: 58254

Ion Ratio Lower Upper

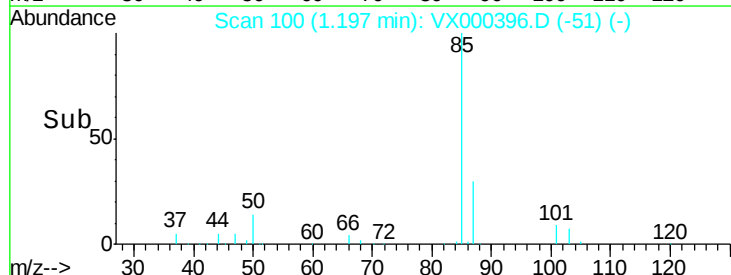
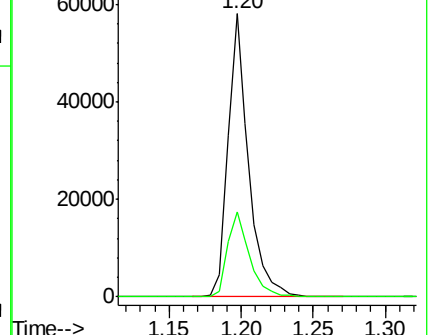
85 100

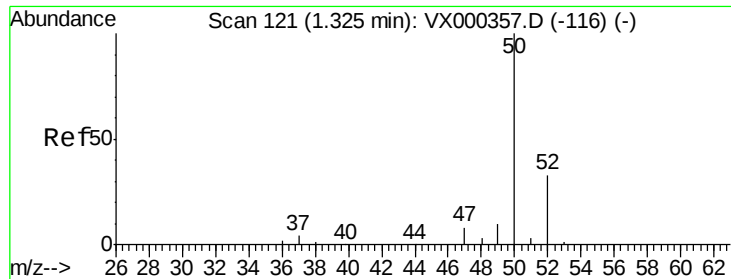
87 30.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

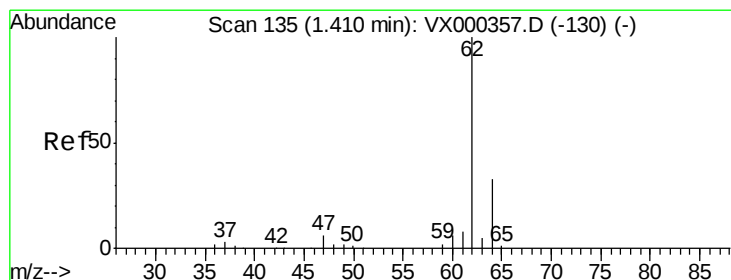
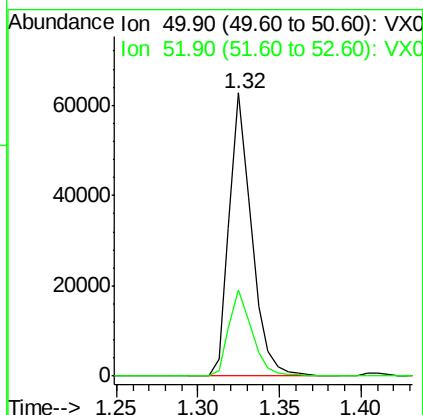
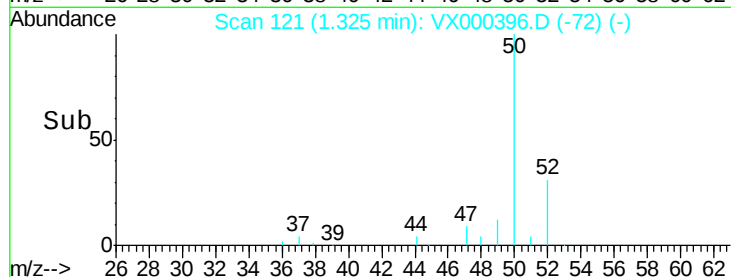
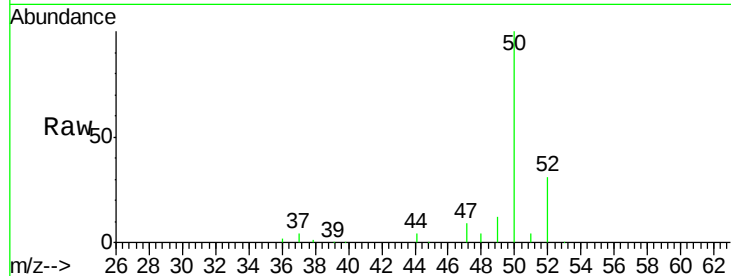




#3
Chloromethane
Concen: 45.17 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

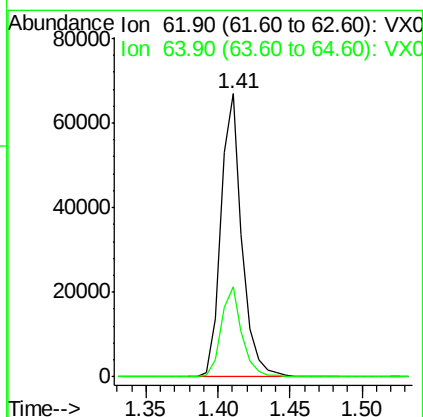
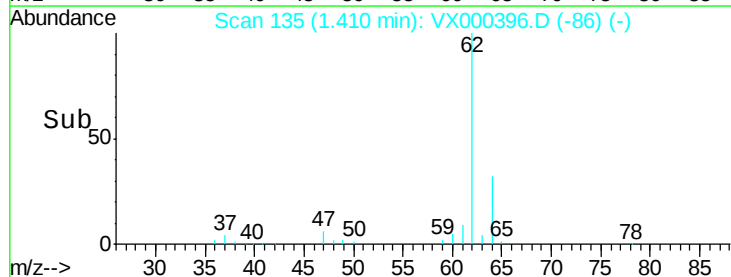
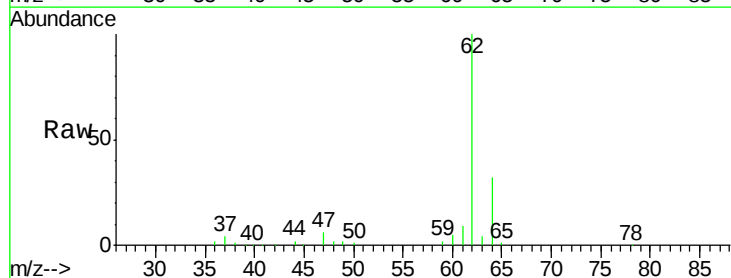
Instrument :
MSVOA_X
ClientSampleId :
BFB

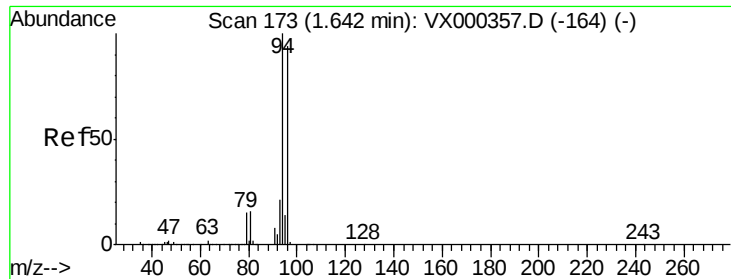
Tgt Ion: 50 Resp: 60178
Ion Ratio Lower Upper
50 100
52 30.7 27.5 41.3



#4
Vinyl Chloride
Concen: 48.78 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 62 Resp: 68672
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2





#5

Bromomethane

Concen: 60.92 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

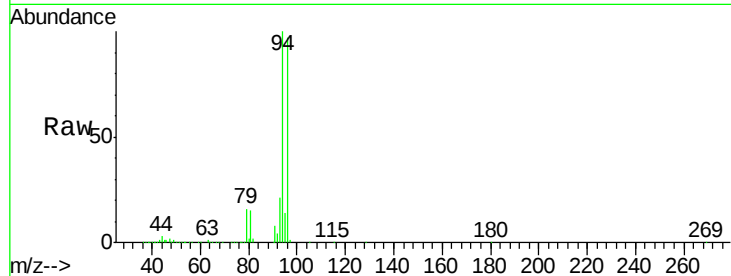
BFB

Tgt Ion: 94 Resp: 102691

Ion Ratio Lower Upper

94 100

96 97.3 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

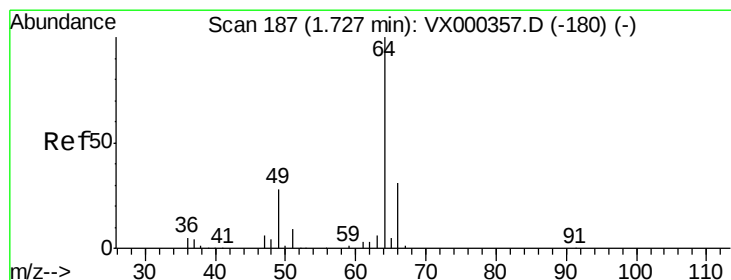
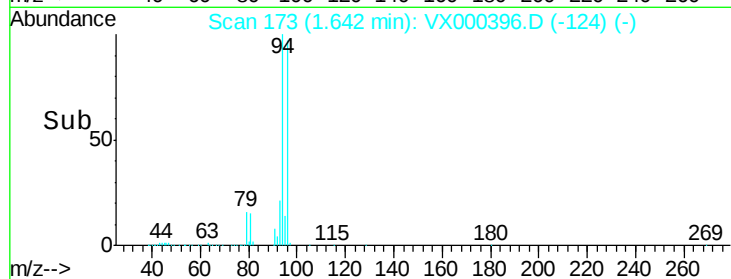
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 53.44 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000396.D

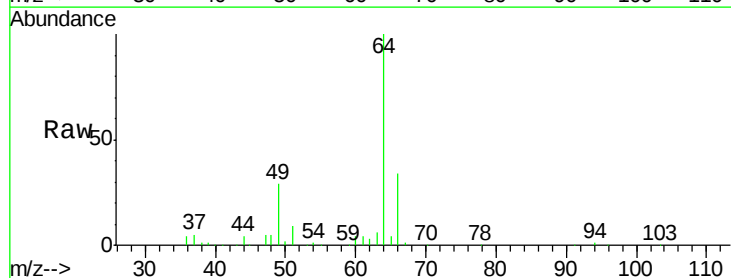
Acq: 22 Mar 2018 10:34

Tgt Ion: 64 Resp: 44945

Ion Ratio Lower Upper

64 100

66 33.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

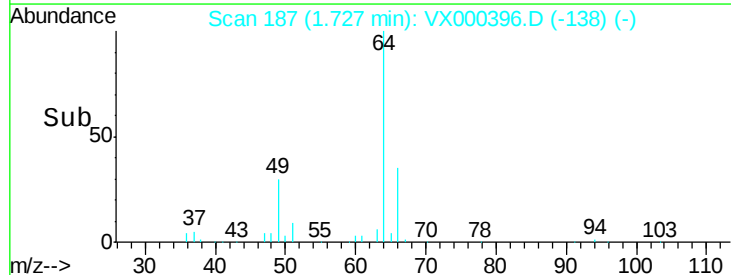
30000

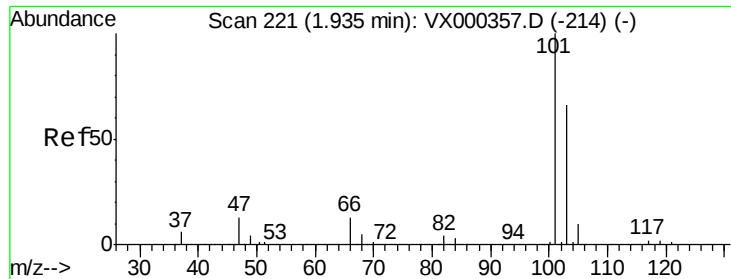
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



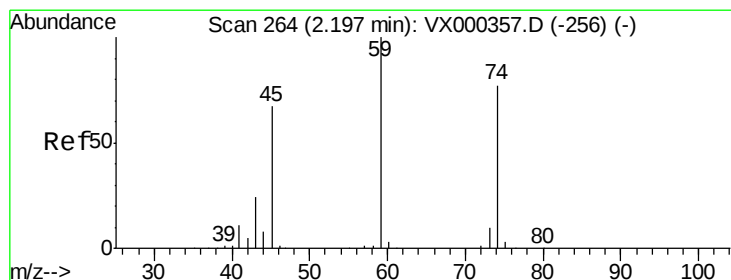
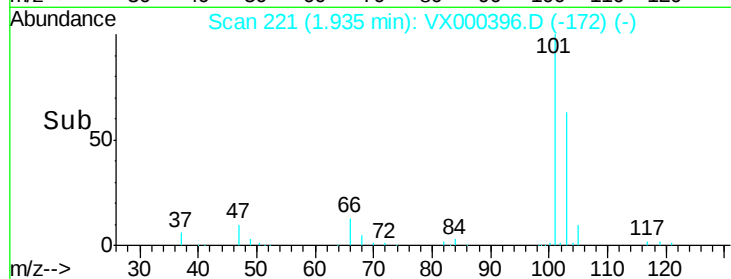
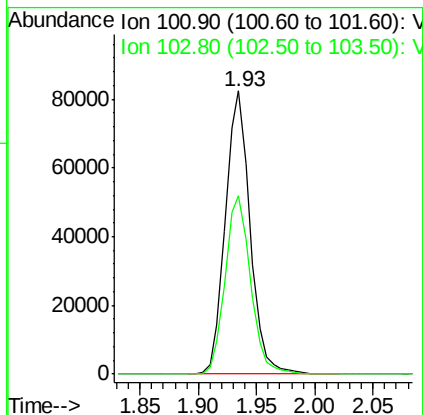
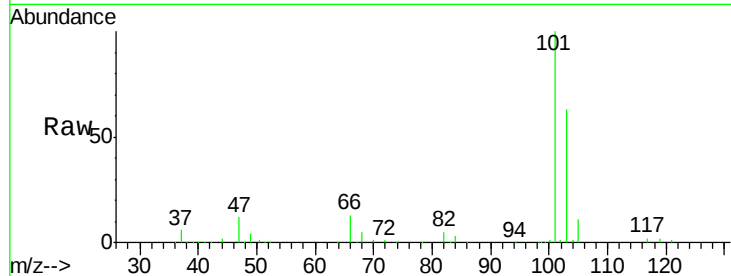


#7

Trichlorofluoromethane
 Concen: 47.73 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

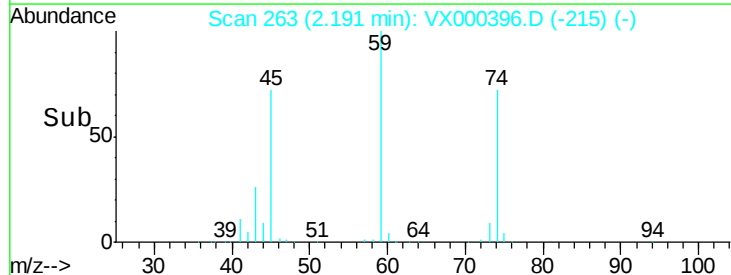
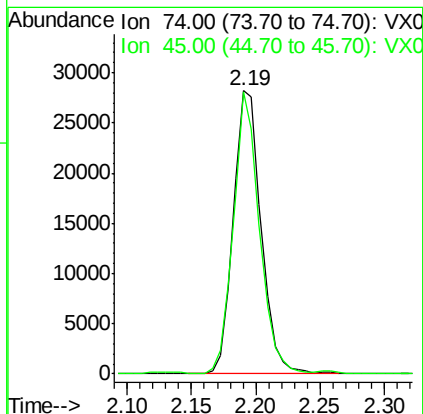
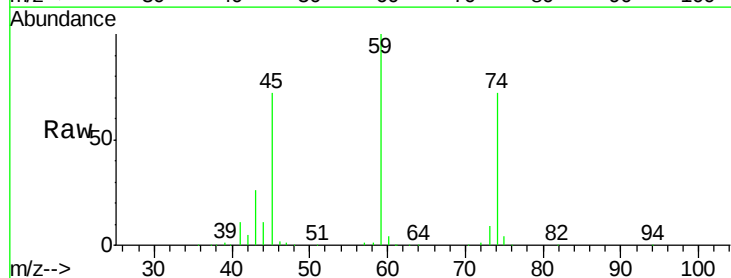
Tgt Ion:101 Resp: 121276
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

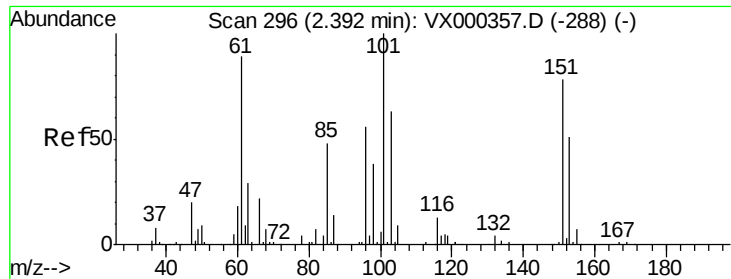


#8

Diethyl Ether
 Concen: 46.71 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion: 74 Resp: 42419
 Ion Ratio Lower Upper
 74 100
 45 93.2 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

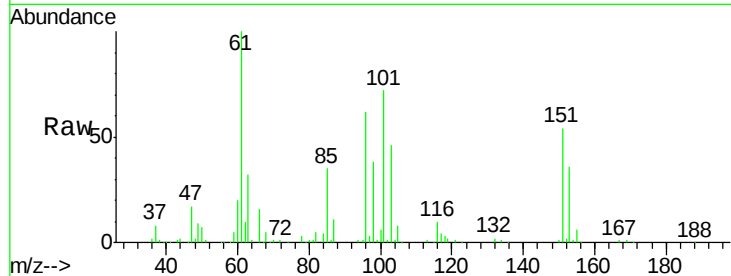
Tgt Ion:101 Resp: 69331

Ion Ratio Lower Upper

101 100

85 48.4 37.6 56.4

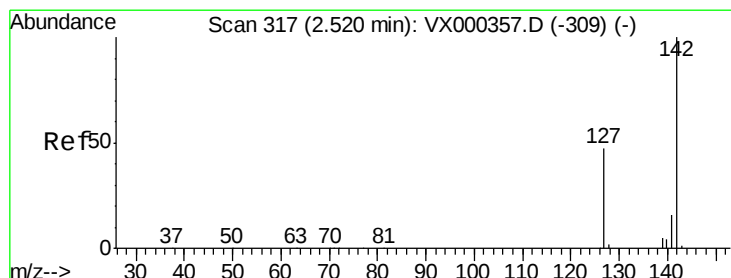
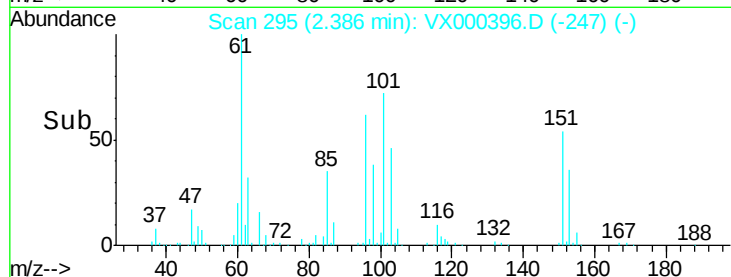
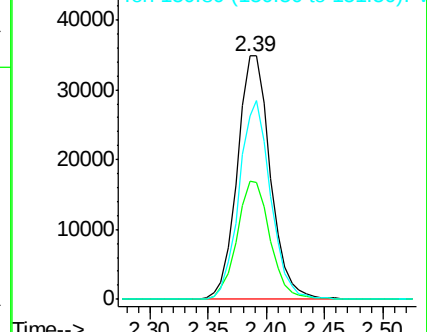
151 77.7 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.03 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

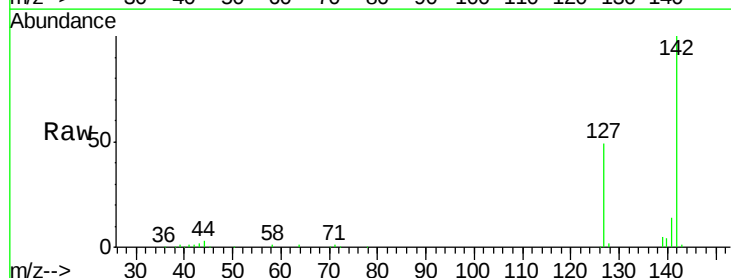
Tgt Ion:142 Resp: 62560

Ion Ratio Lower Upper

142 100

127 49.1 39.2 58.8

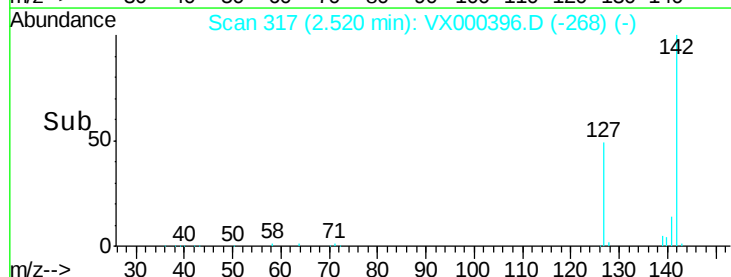
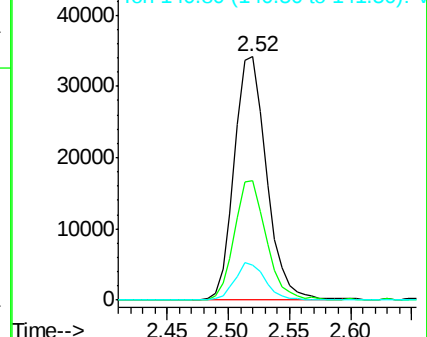
141 14.6 11.7 17.5

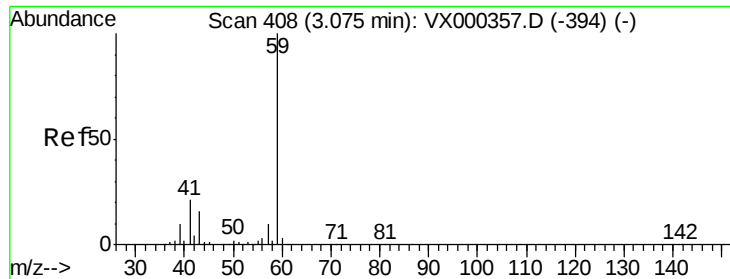


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

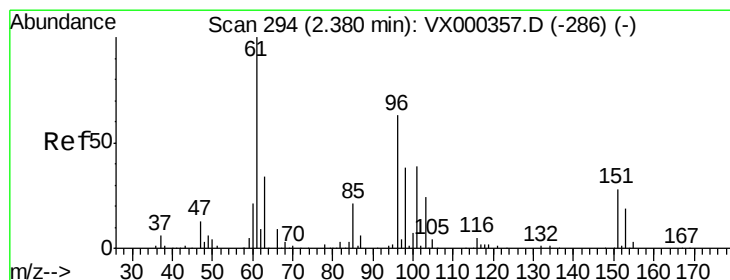
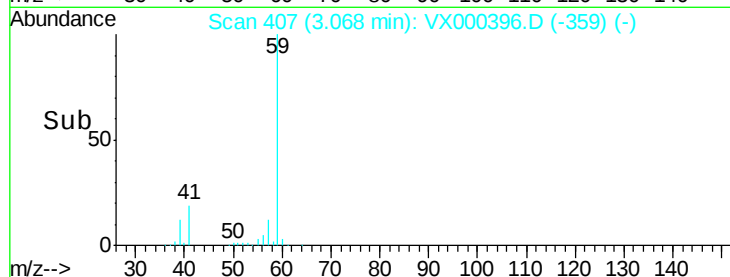
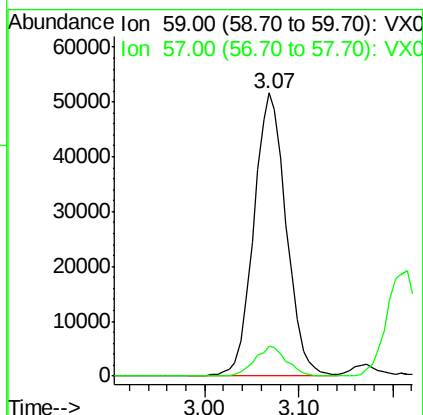
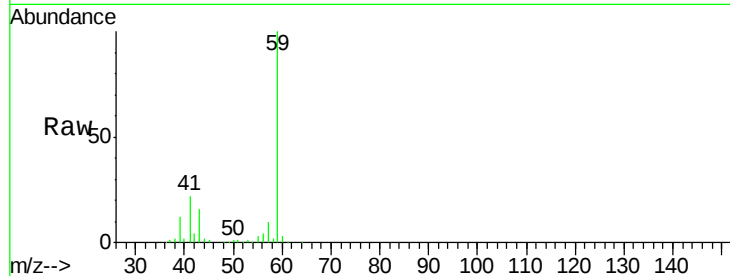




#11
Tert butyl alcohol
Concen: 242.58 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

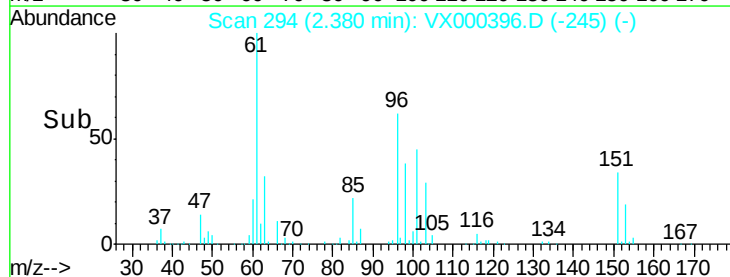
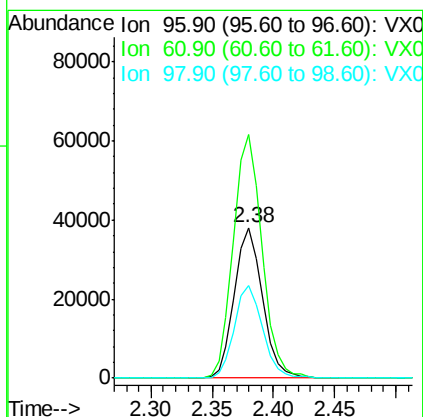
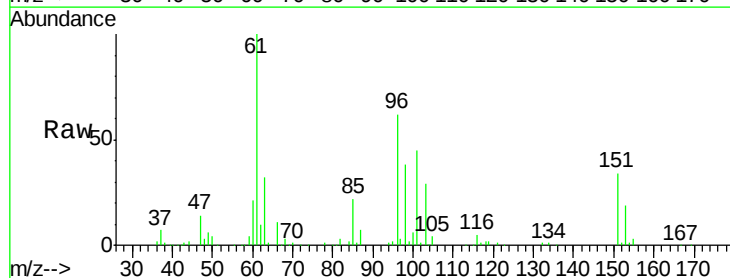
Instrument :
MSVOA_X
ClientSampled :
BFB

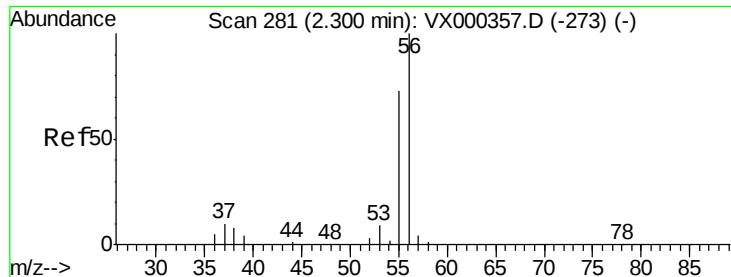
Tgt Ion: 59 Resp: 124995
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.84 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 96 Resp: 60745
Ion Ratio Lower Upper
96 100
61 162.0 131.2 196.8
98 61.6 49.8 74.8





#13

Acrolein

Concen: 222.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

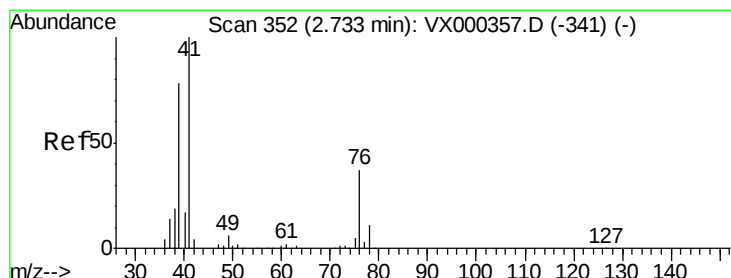
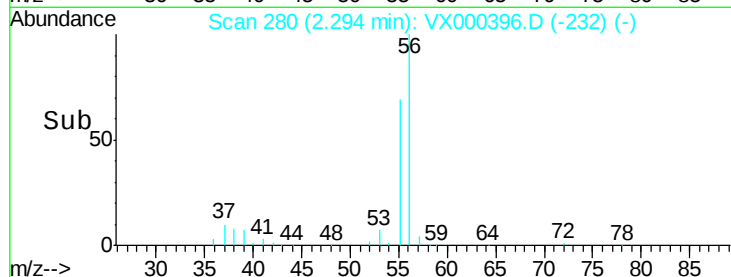
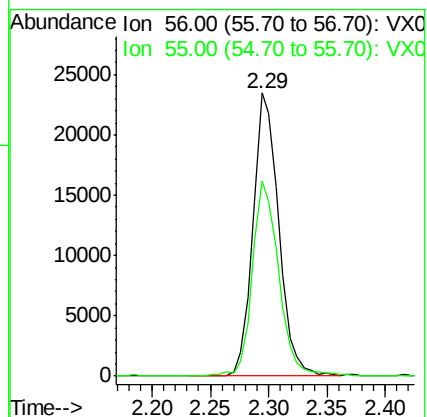
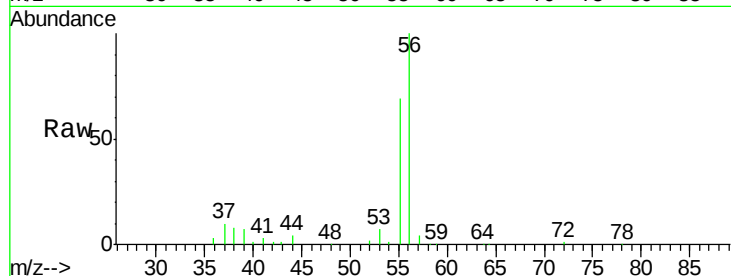
BFB

Tgt Ion: 56 Resp: 36345

Ion Ratio Lower Upper

56 100

55 71.0 58.8 88.2



#14

Allyl chloride

Concen: 50.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

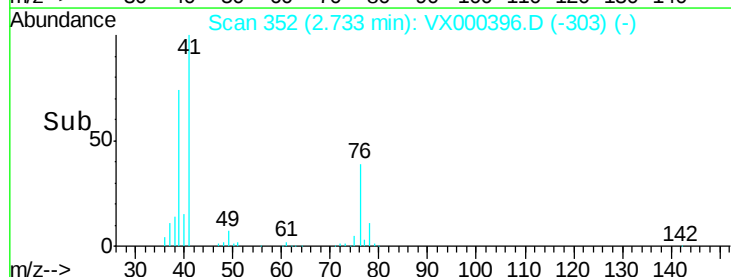
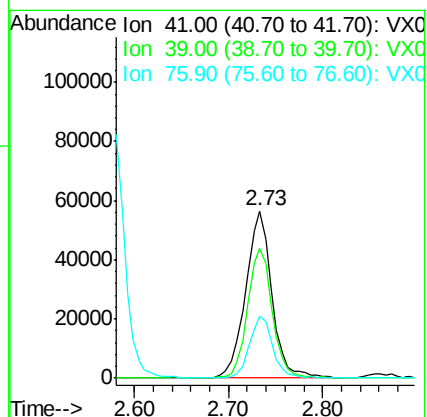
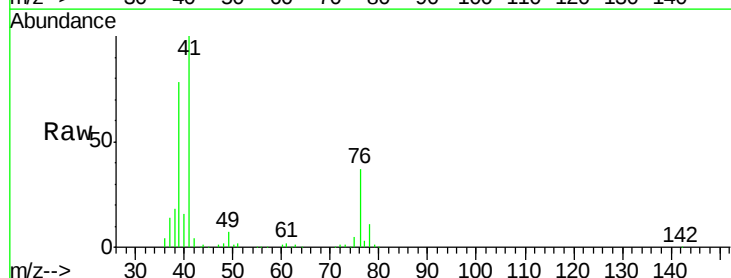
Tgt Ion: 41 Resp: 110682

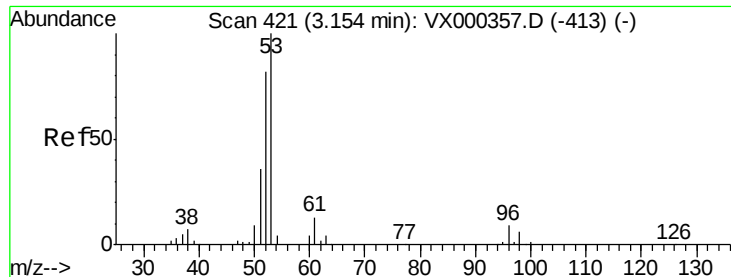
Ion Ratio Lower Upper

41 100

39 72.0 57.6 86.4

76 32.9 27.3 40.9





#15

Acrylonitrile

Concen: 239.47 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

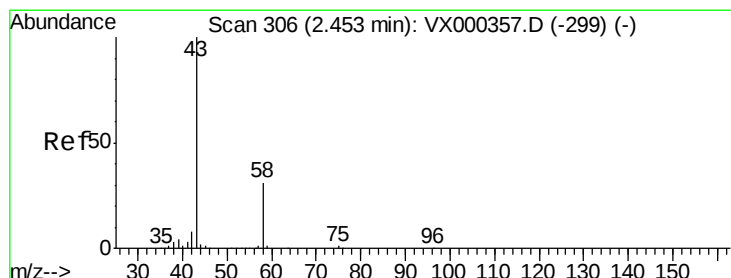
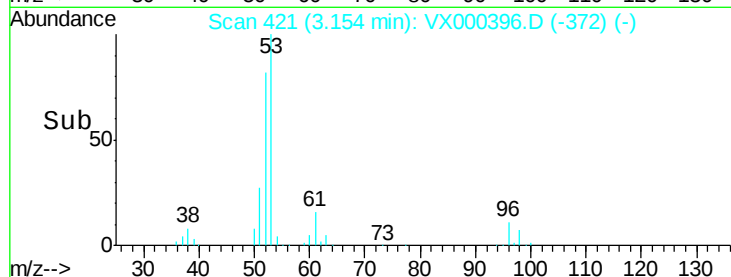
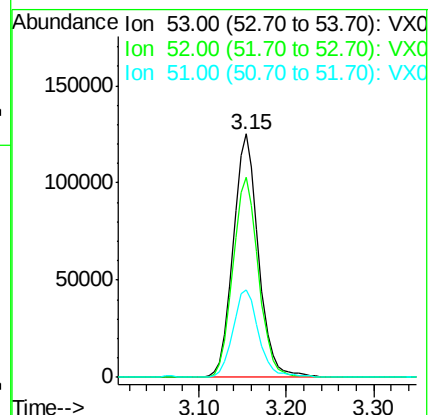
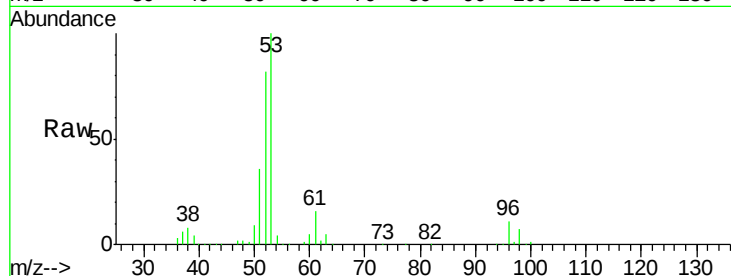
Tgt Ion: 53 Resp: 249920

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

51 37.1 29.3 43.9



#16

Acetone

Concen: 263.71 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000396.D

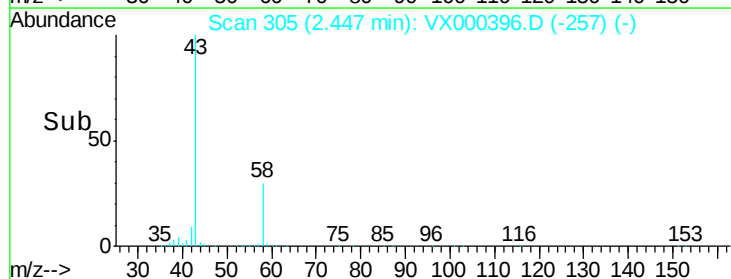
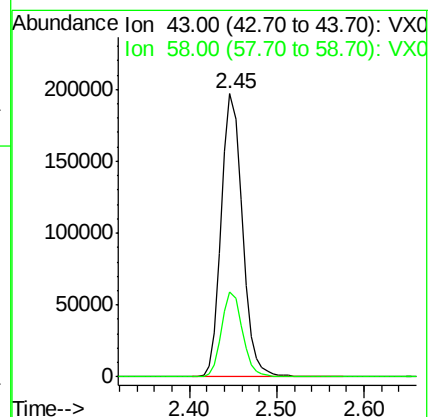
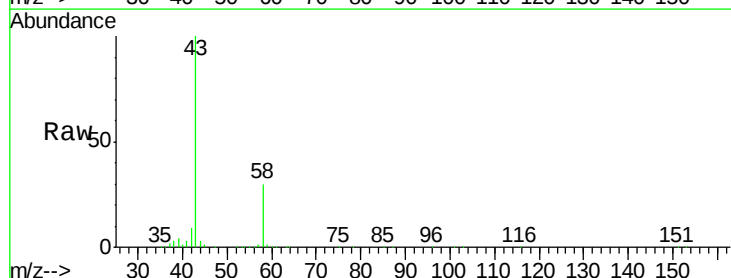
Acq: 22 Mar 2018 10:34

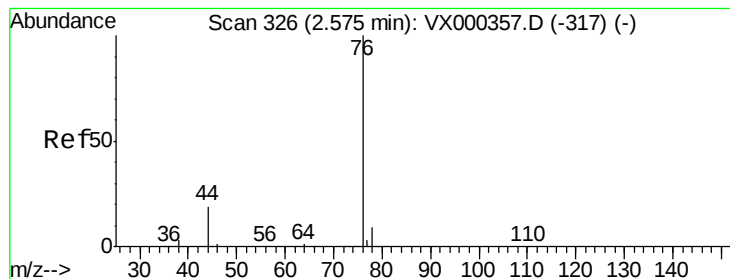
Tgt Ion: 43 Resp: 328619

Ion Ratio Lower Upper

43 100

58 30.0 24.7 37.1





#17

Carbon Disulfide

Concen: 47.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

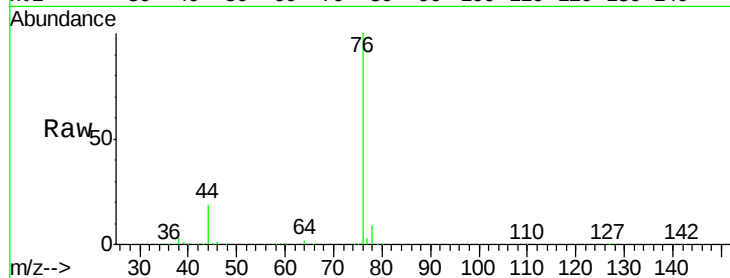
BFB

Tgt Ion: 76 Resp: 156166

Ion Ratio Lower Upper

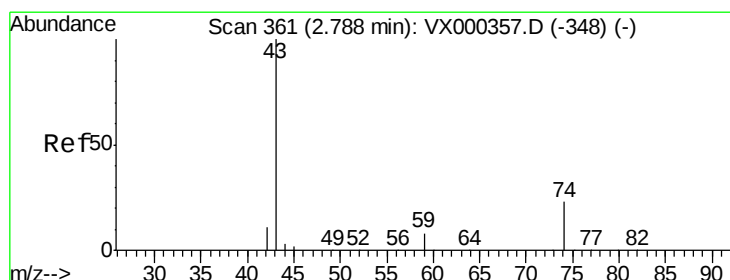
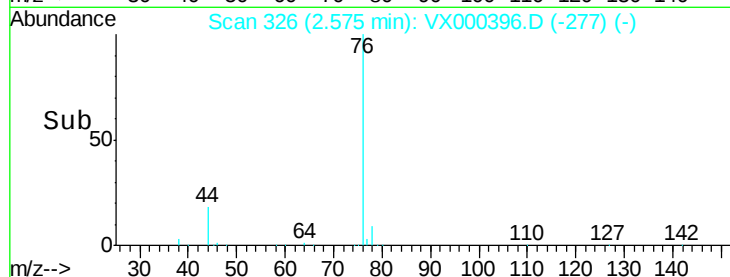
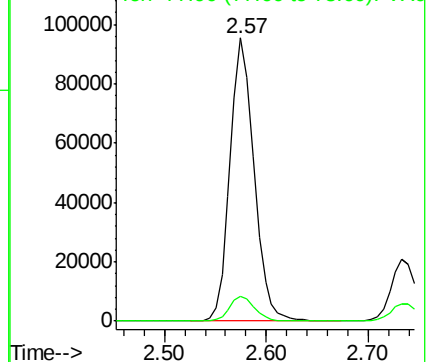
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000396.D

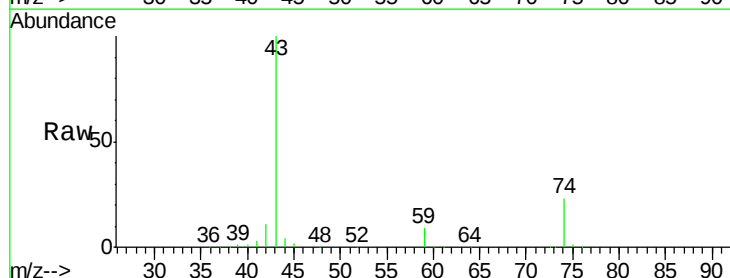
Acq: 22 Mar 2018 10:34

Tgt Ion: 43 Resp: 130066

Ion Ratio Lower Upper

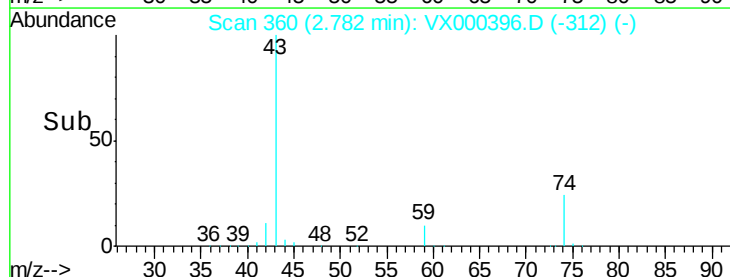
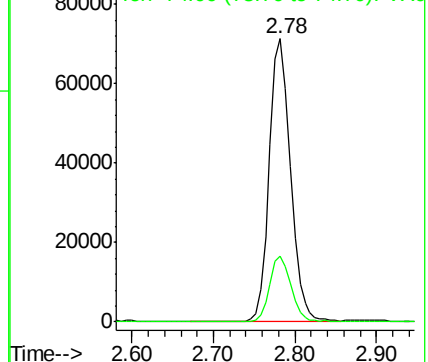
43 100

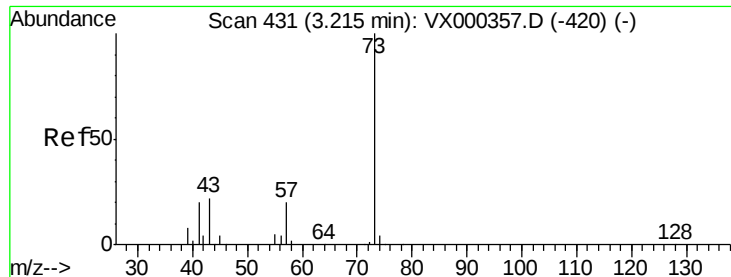
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 48.27 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

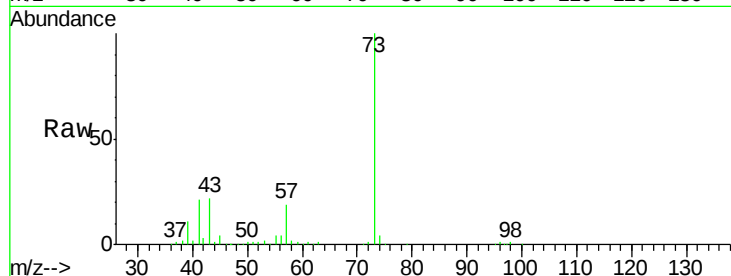
BFB

Tgt Ion: 73 Resp: 222068

Ion Ratio Lower Upper

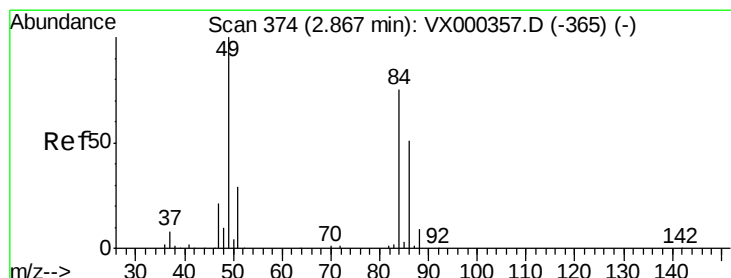
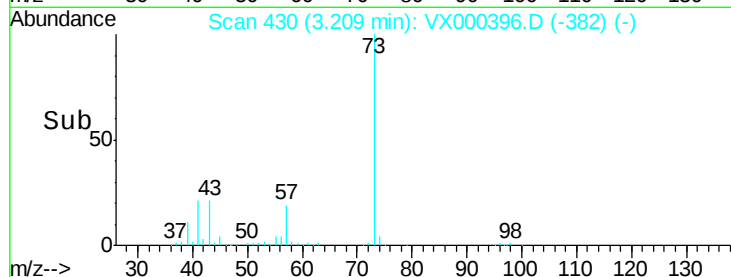
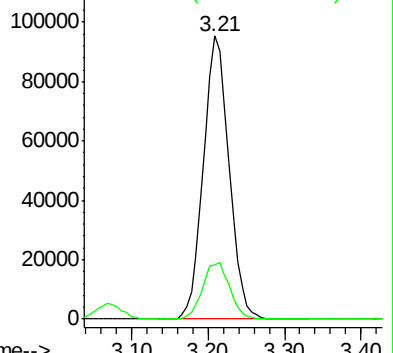
73 100

57 19.3 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 47.28 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion: 84 Resp: 68045

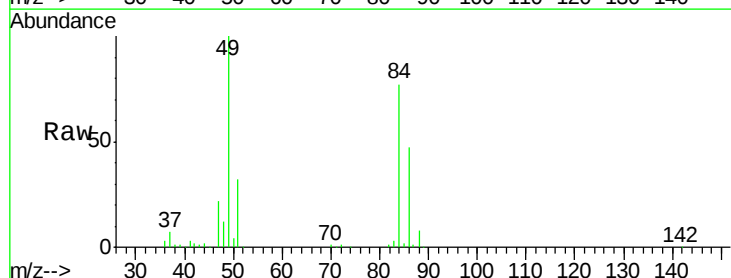
Ion Ratio Lower Upper

84 100

49 129.1 100.6 151.0

51 41.9 31.6 47.4

86 61.3 52.6 78.8

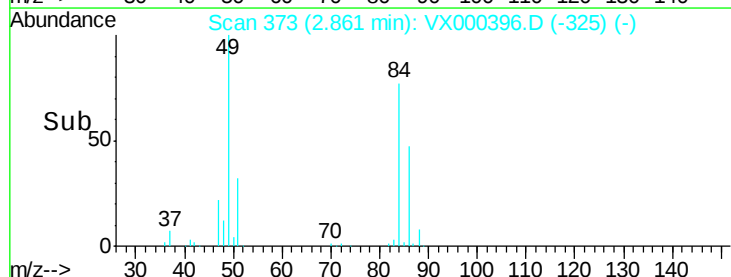
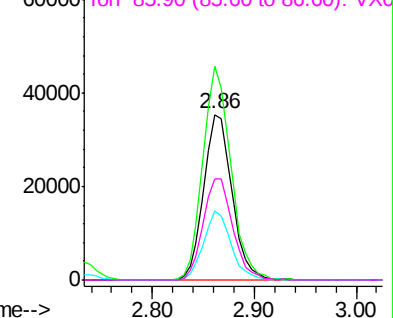


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 46.74 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

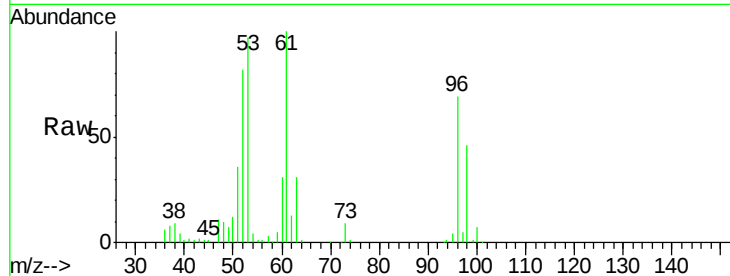
Tgt Ion: 96 Resp: 64848

Ion Ratio Lower Upper

96 100

61 144.5 104.0 156.0

98 66.6 52.1 78.1

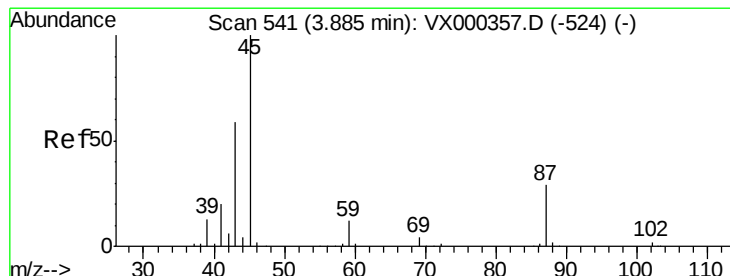
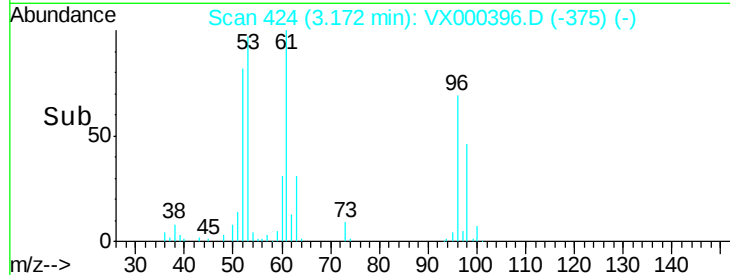
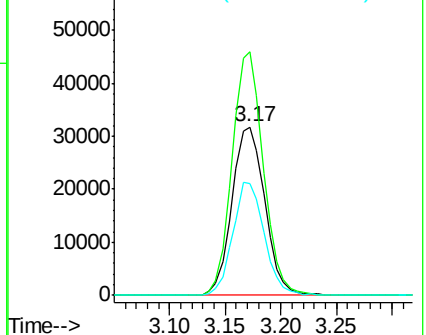


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.15 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion: 45 Resp: 214450

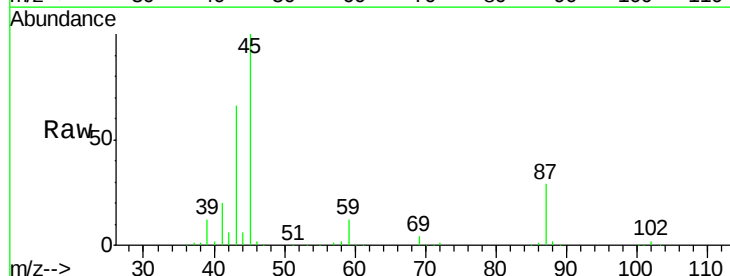
Ion Ratio Lower Upper

45 100

43 65.1 53.9 80.9

87 29.0 22.6 34.0

59 12.1 9.5 14.3



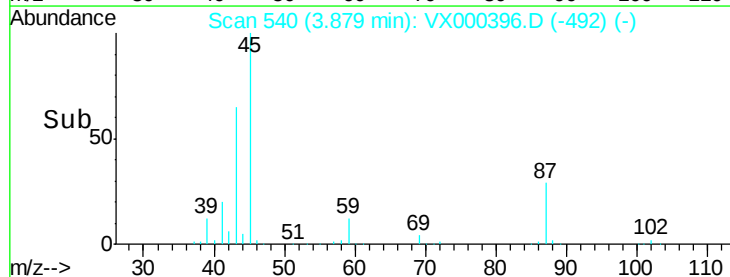
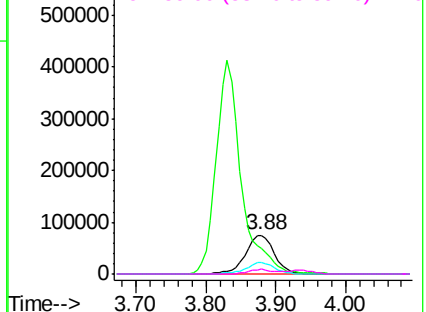
Abundance

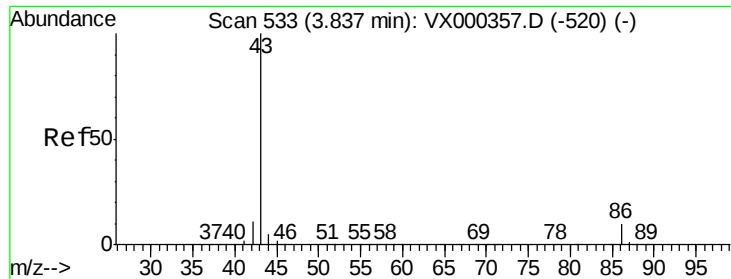
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

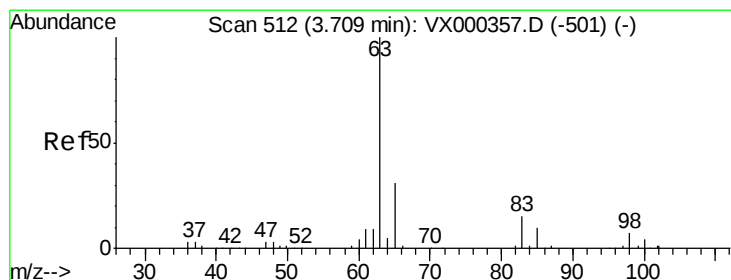
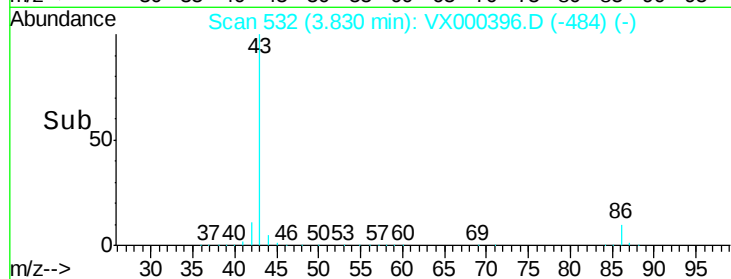
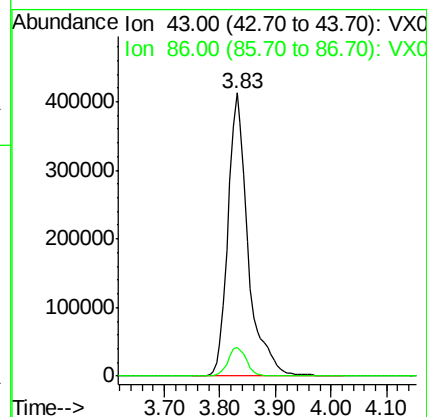
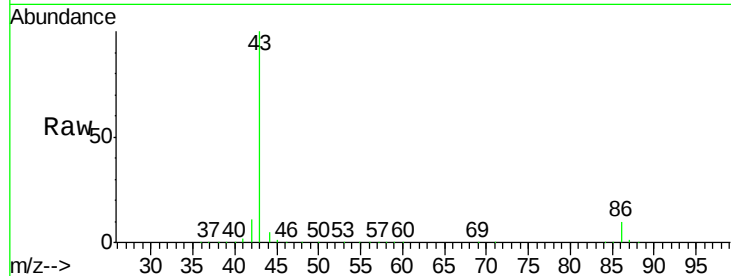




#23
 Vinyl Acetate
 Concen: 280.15 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

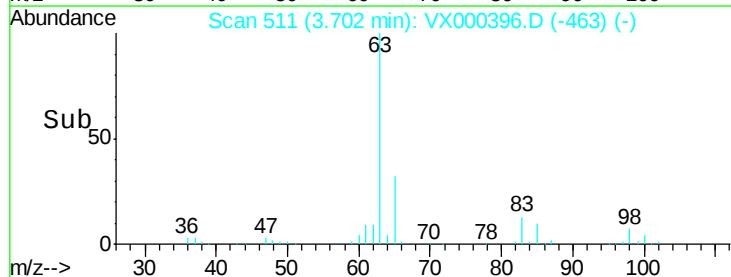
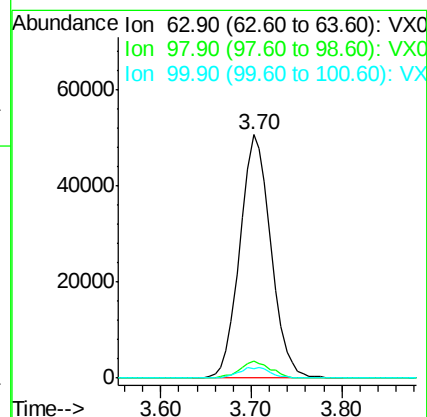
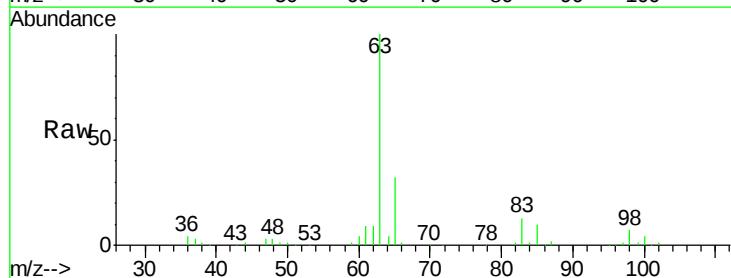
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

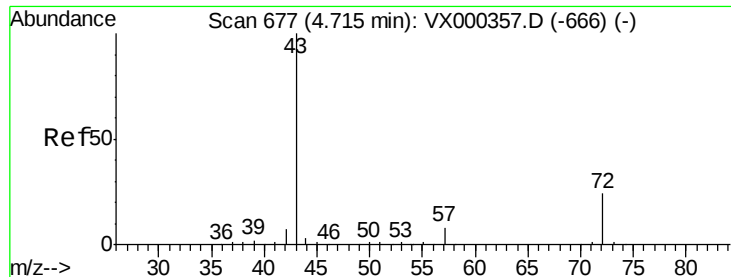
Tgt Ion: 43 Resp: 1032703
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.11 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion: 63 Resp: 120071
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 250.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

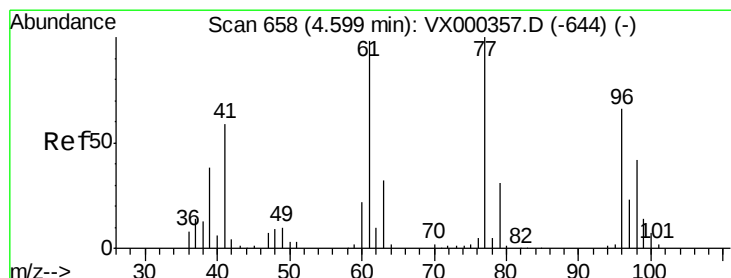
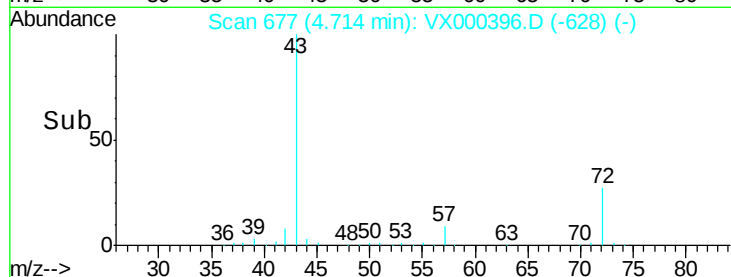
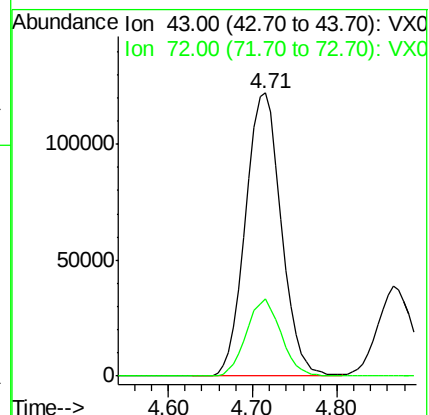
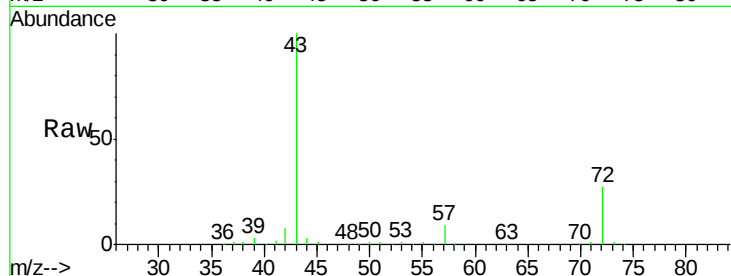
BFB

Tgt Ion: 43 Resp: 351266

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 49.15 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000396.D

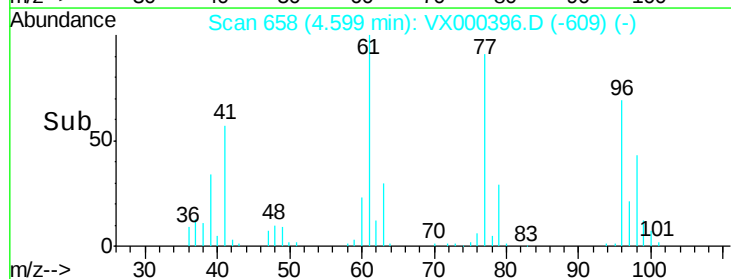
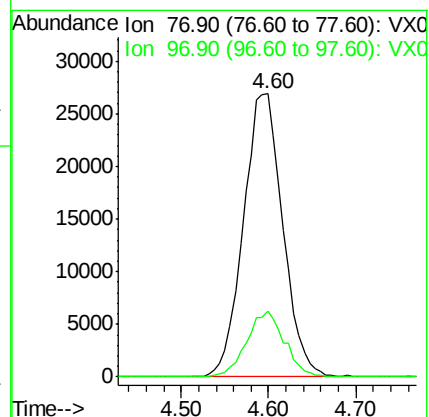
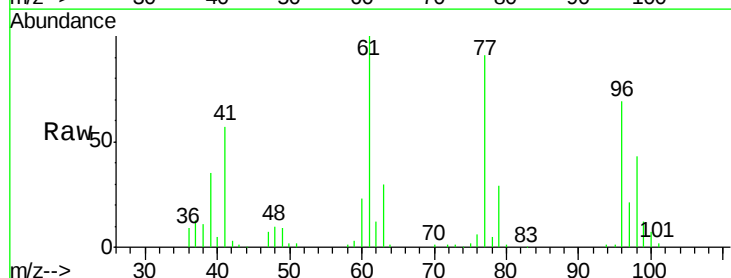
Acq: 22 Mar 2018 10:34

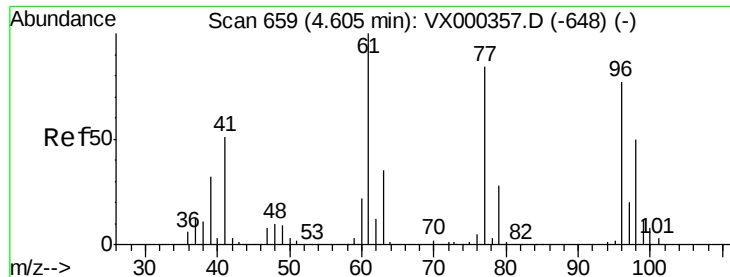
Tgt Ion: 77 Resp: 84226

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.39 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

BFB

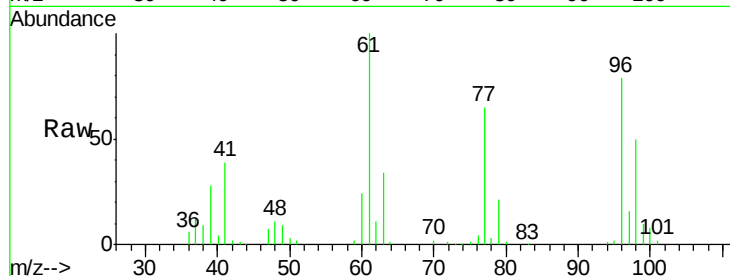
Tgt Ion: 96 Resp: 62754

Ion Ratio Lower Upper

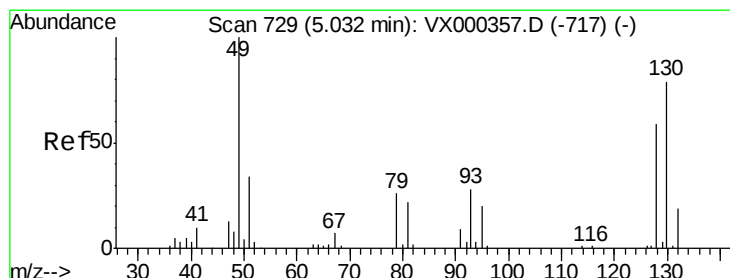
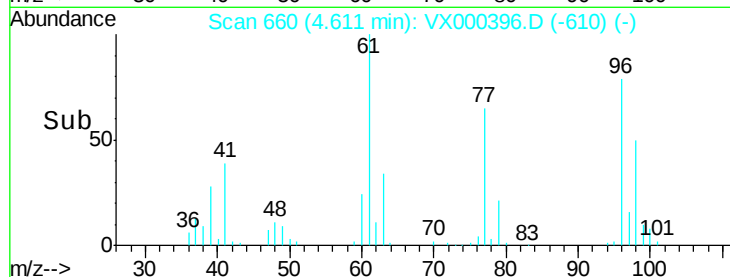
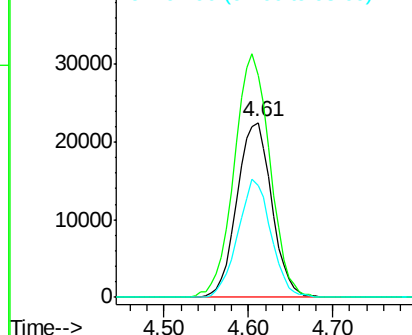
96 100

61 143.4 0.0 291.6

98 64.5 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.68 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

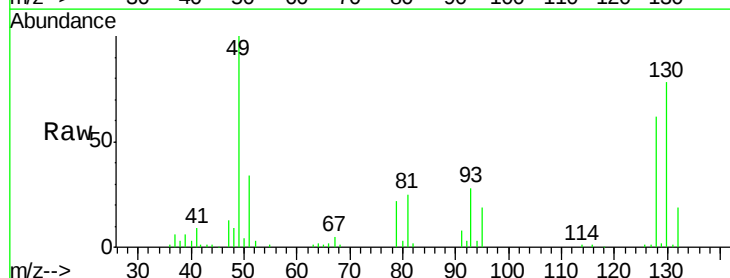
Tgt Ion: 49 Resp: 52098

Ion Ratio Lower Upper

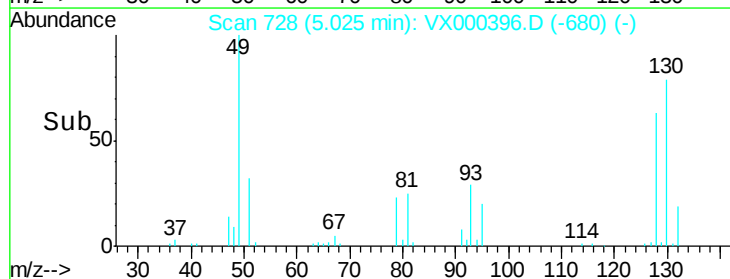
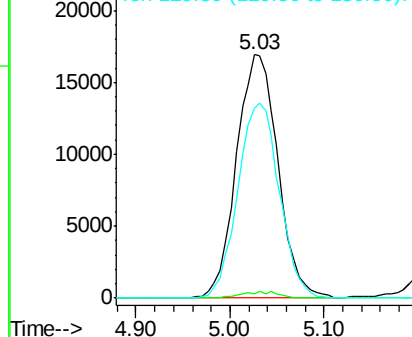
49 100

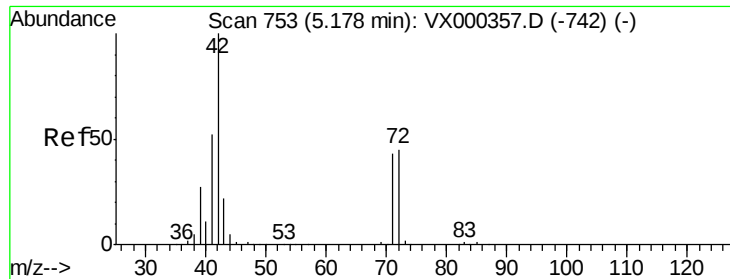
129 2.5 0.0 5.0

130 80.0 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

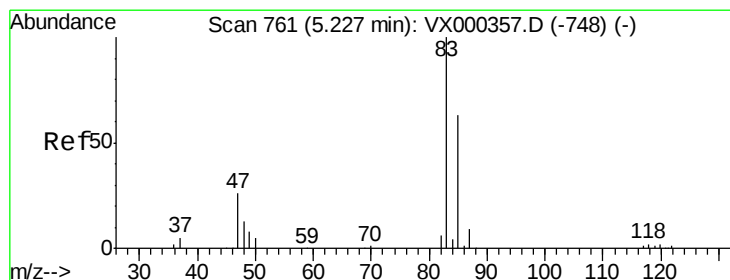
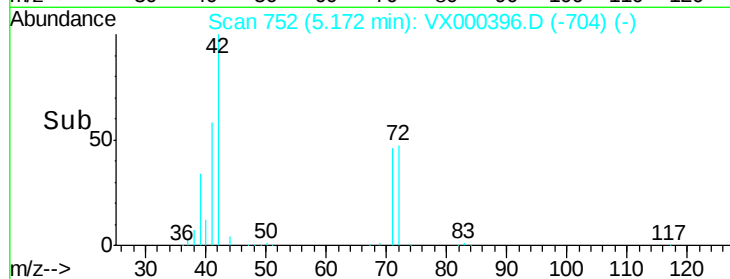
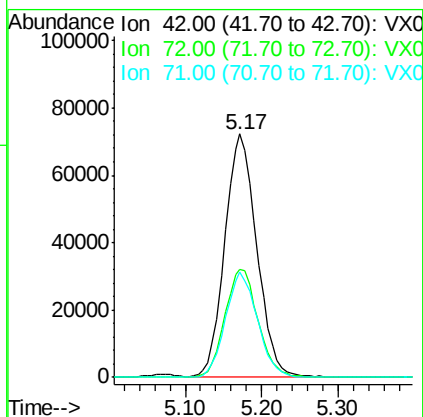
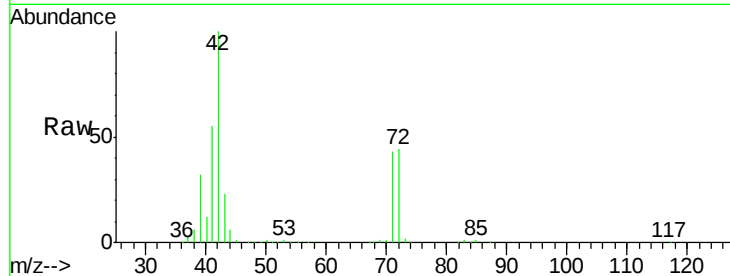




#29
Tetrahydrofuran
Concen: 241.26 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

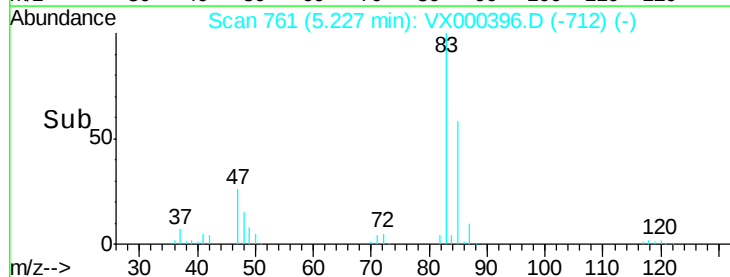
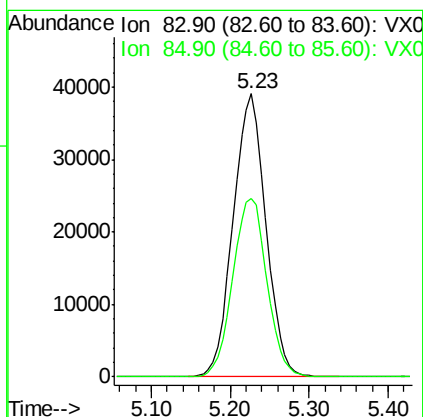
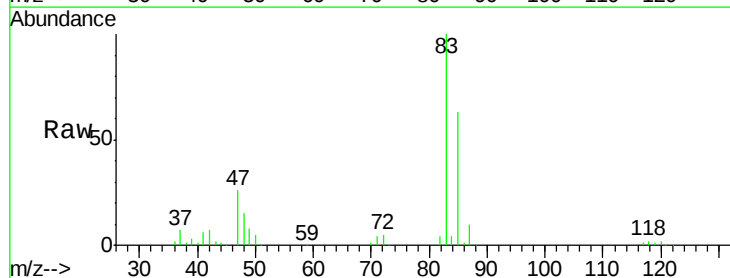
Instrument :
MSVOA_X
ClientSampleId :
BFB

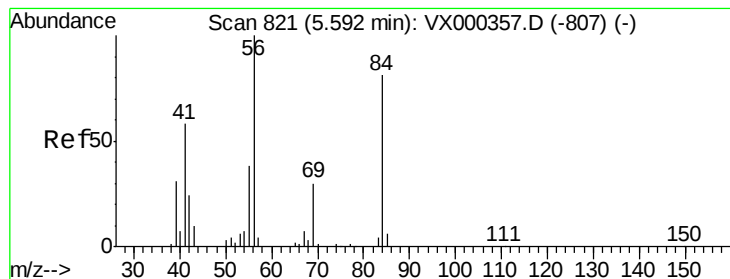
Tgt Ion: 42 Resp: 207919
Ion Ratio Lower Upper
42 100
72 46.2 37.9 56.9
71 43.5 34.4 51.6



#30
Chloroform
Concen: 49.17 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 83 Resp: 112662
Ion Ratio Lower Upper
83 100
85 63.0 53.3 79.9





#31

Cyclohexane

Concen: 48.57 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

BFB

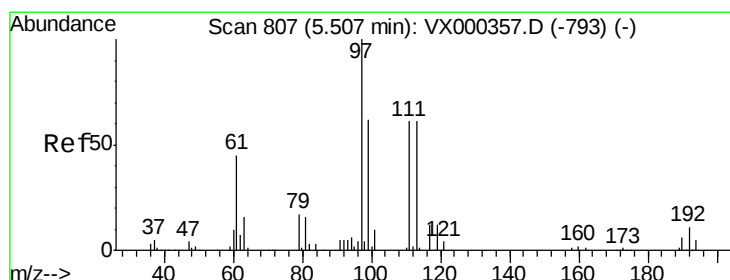
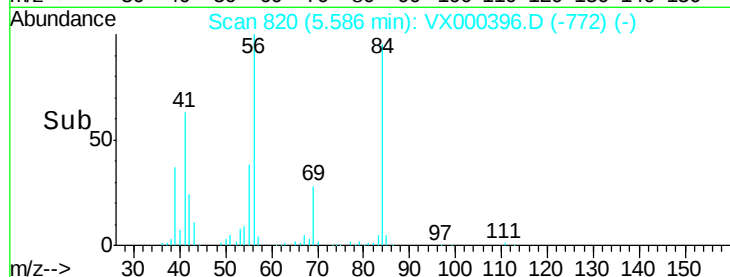
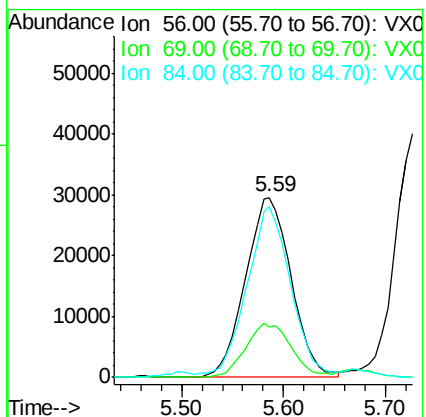
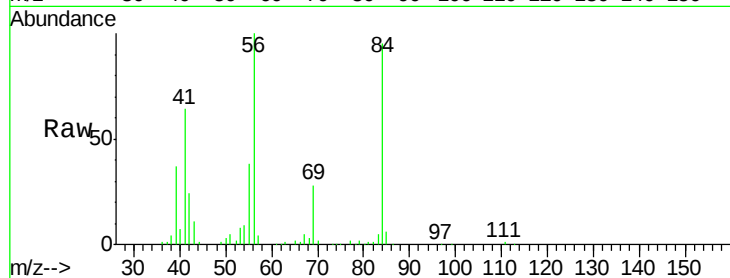
Tgt Ion: 56 Resp: 91800

Ion Ratio Lower Upper

56 100

69 28.1 23.4 35.0

84 92.5 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 48.96 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

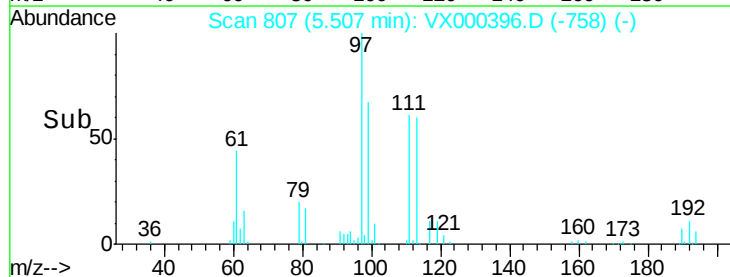
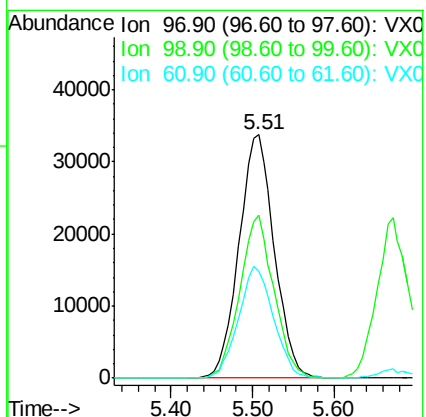
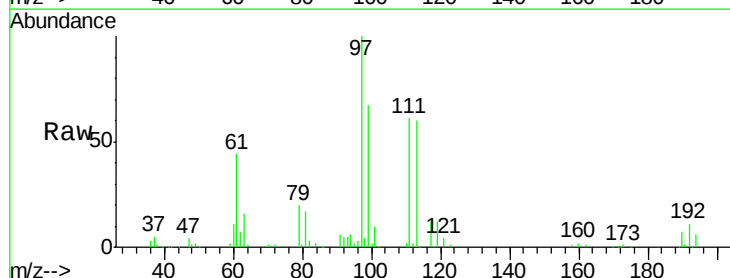
Tgt Ion: 97 Resp: 101205

Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

61 45.7 36.2 54.4

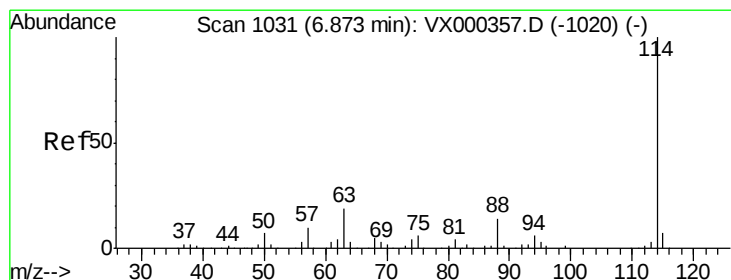
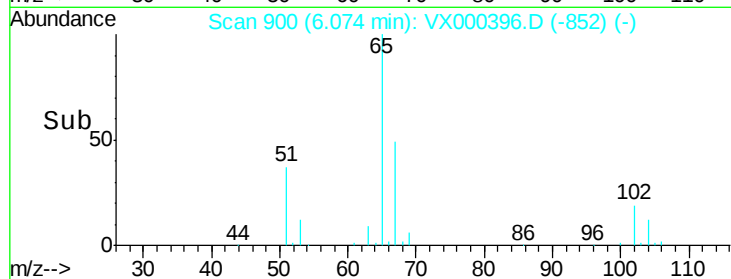
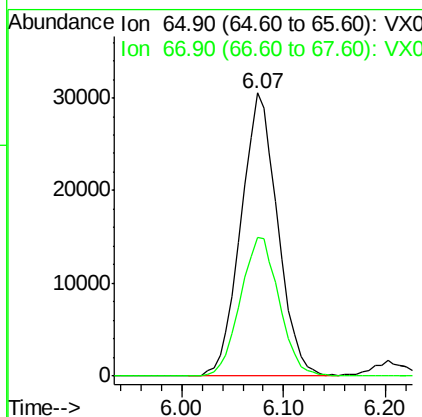
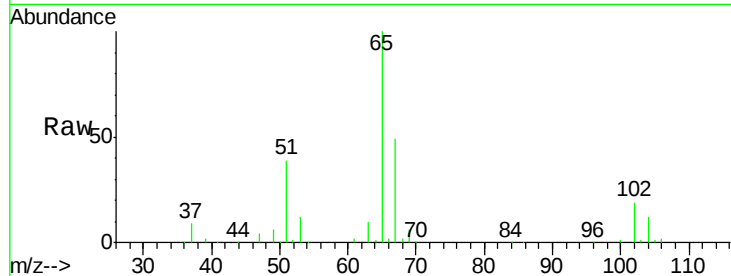




#33
 1,2-Dichloroethane-d4
 Concen: 50.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

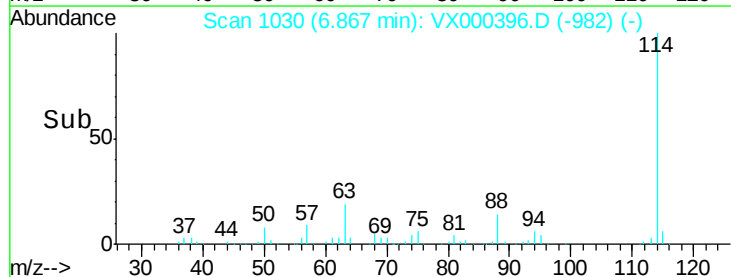
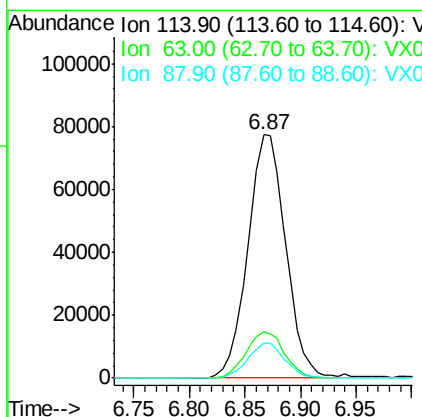
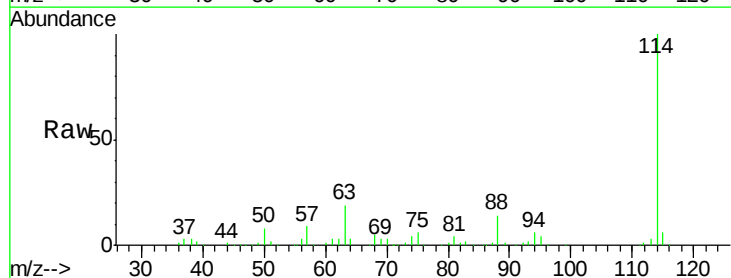
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

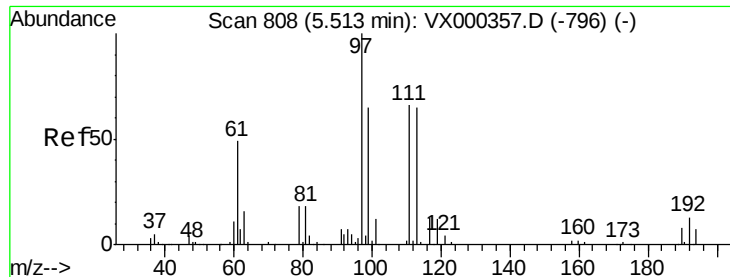
Tgt Ion: 65 Resp: 76317
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion: 114 Resp: 182983
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

BFB

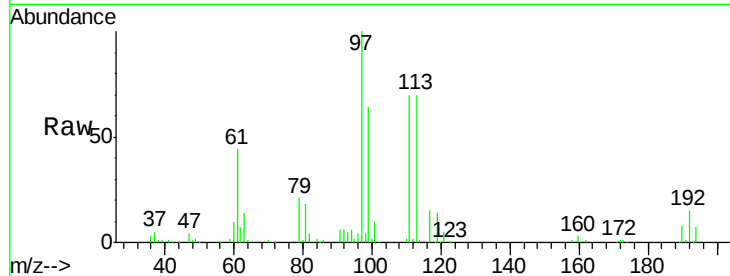
Tgt Ion:113 Resp: 58767

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

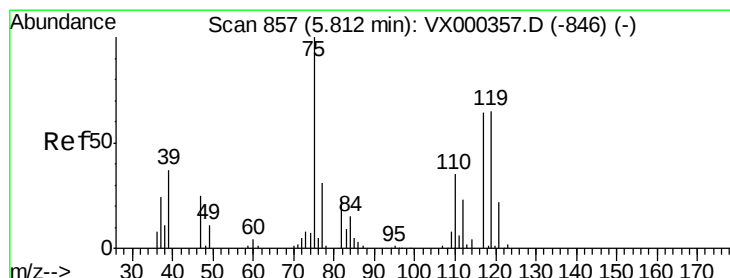
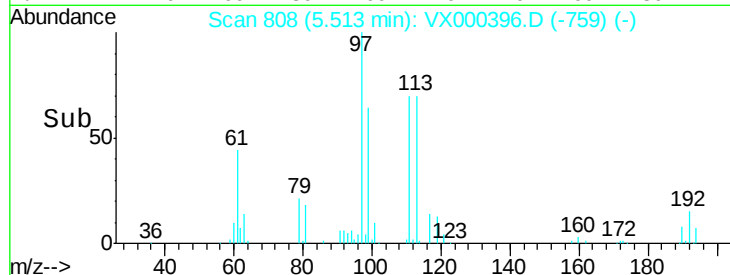
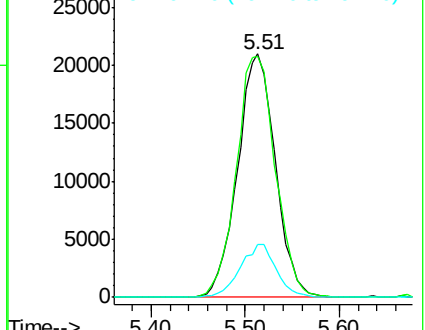
192 20.9 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.36 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

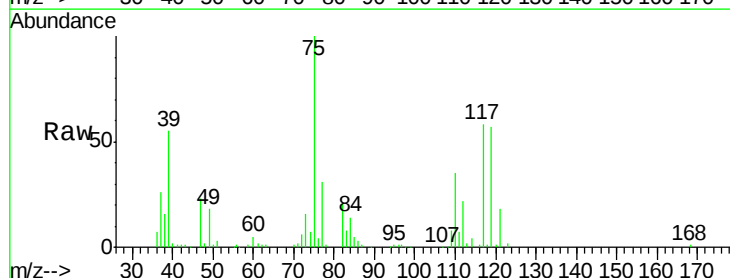
Tgt Ion: 75 Resp: 82897

Ion Ratio Lower Upper

75 100

110 36.7 17.9 53.7

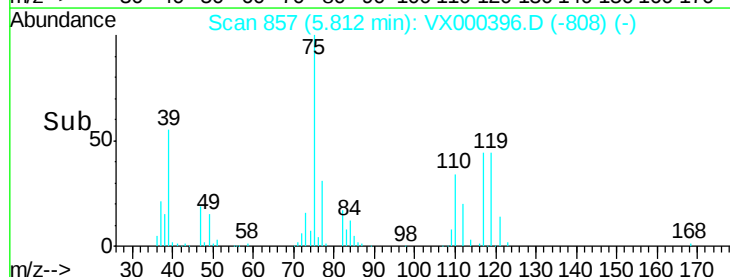
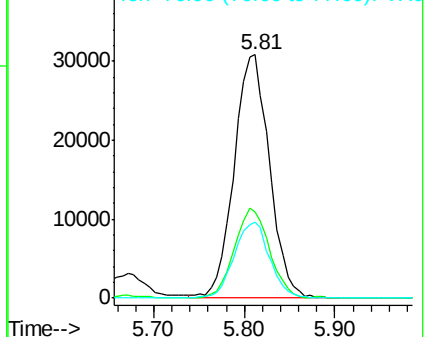
77 31.7 24.0 36.0

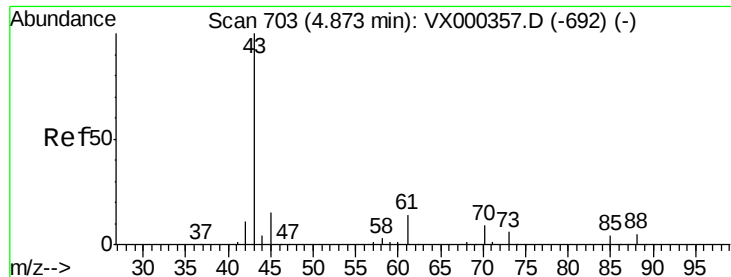


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

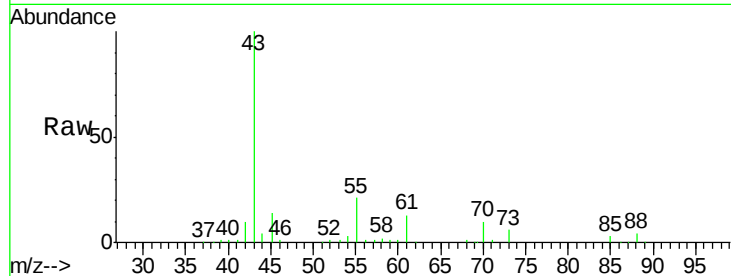




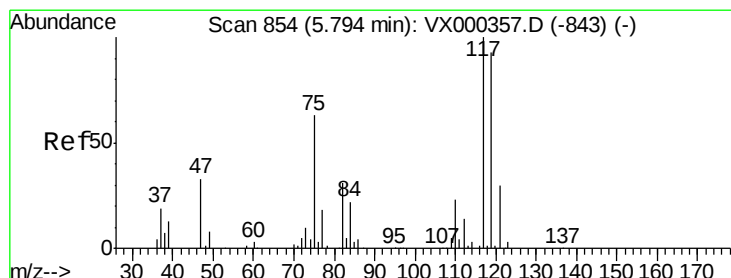
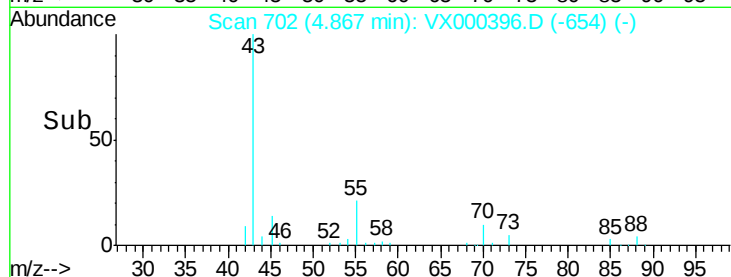
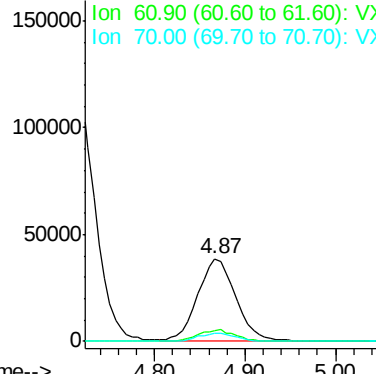
#37
Ethyl Acetate
Concen: 47.82 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 43 Resp: 111963
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.8 7.7 11.5

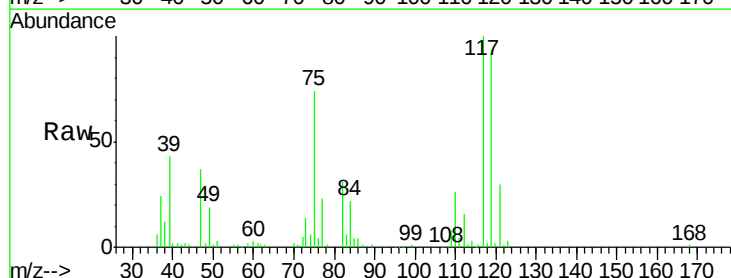


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

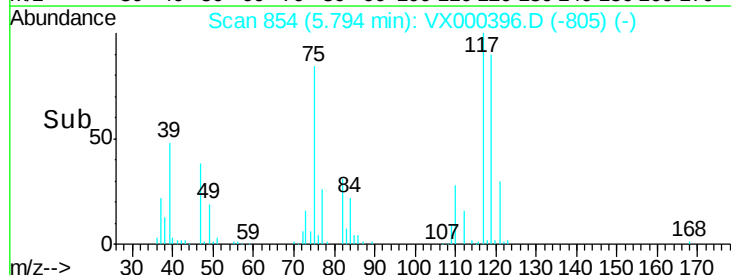
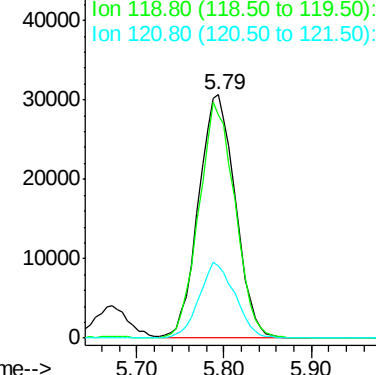


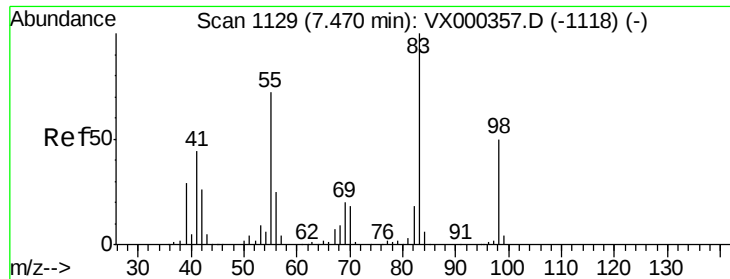
#38
Carbon Tetrachloride
Concen: 49.84 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 117 Resp: 89612
Ion Ratio Lower Upper
117 100
119 91.6 77.4 116.2
121 29.7 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

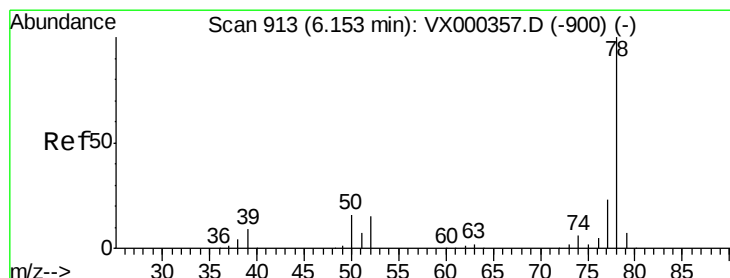
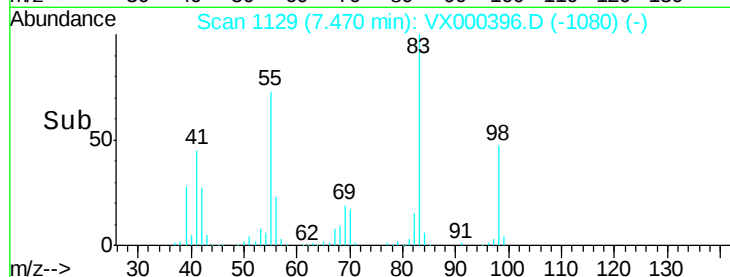
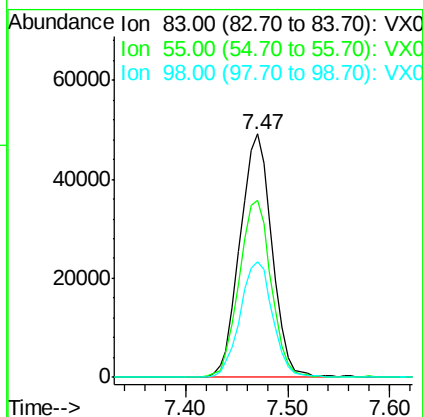
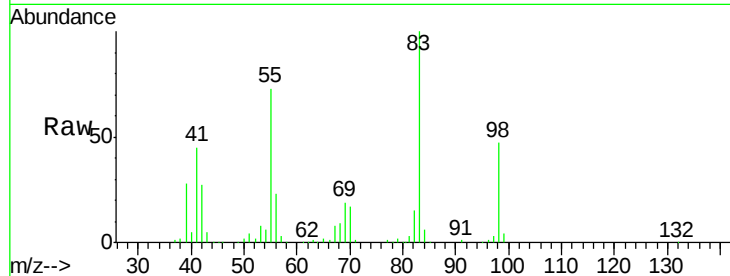




#39
Methylcyclohexane
Concen: 51.31 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

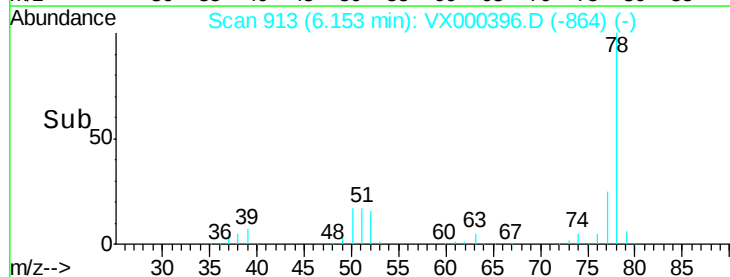
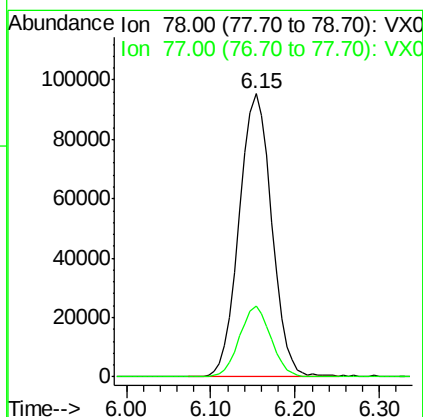
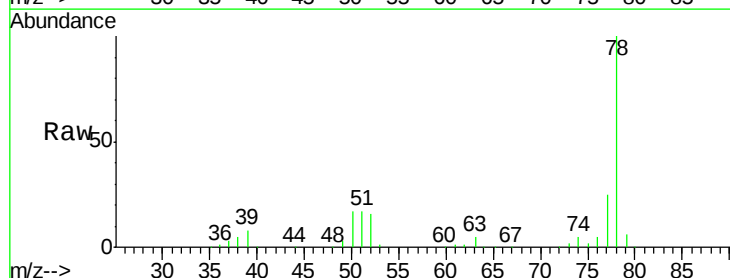
Instrument :
MSVOA_X
ClientSampleId :
BFB

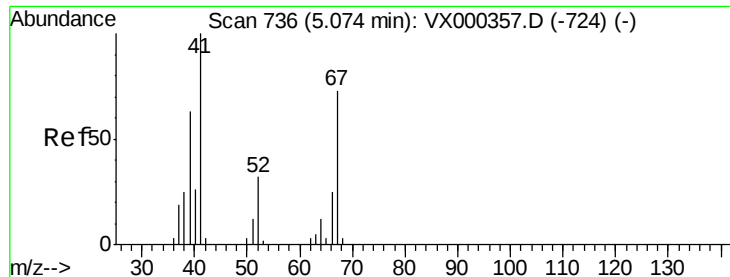
Tgt Ion: 83 Resp: 106959
Ion Ratio Lower Upper
83 100
55 72.9 55.5 83.3
98 47.5 38.2 57.4



#40
Benzene
Concen: 50.10 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 78 Resp: 249356
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1

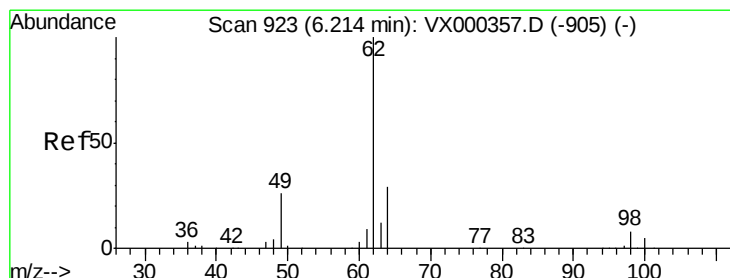
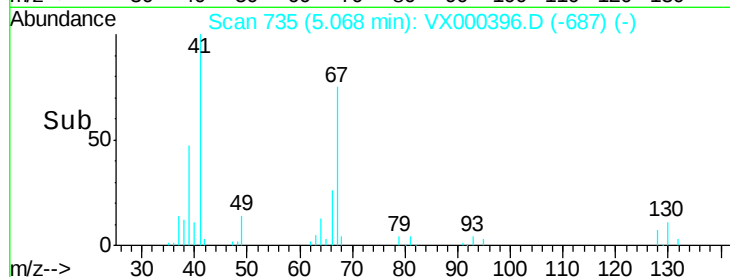
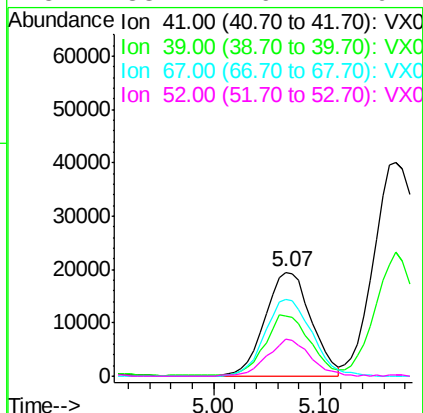
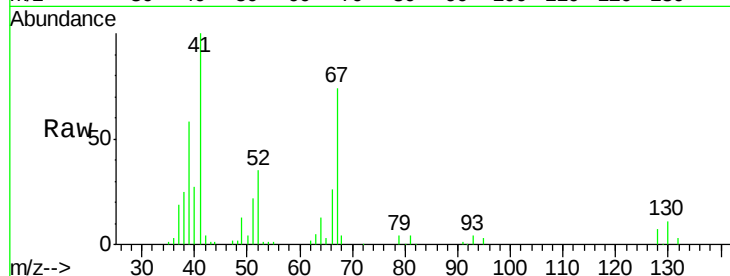




#41
Methacrylonitrile
Concen: 47.69 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

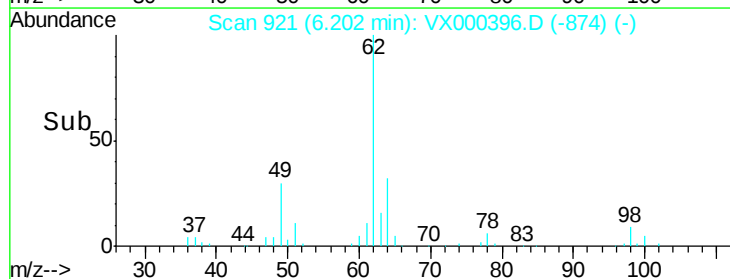
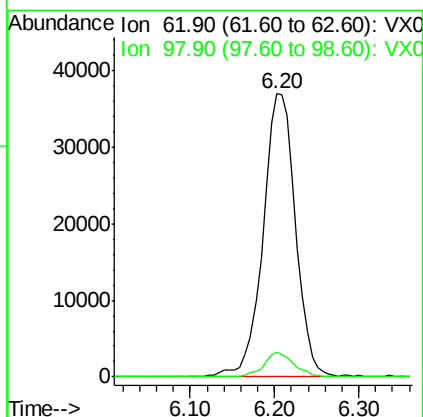
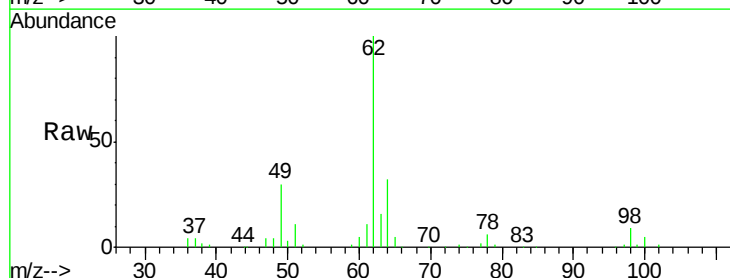
Instrument :
MSVOA_X
ClientSampled :
BFB

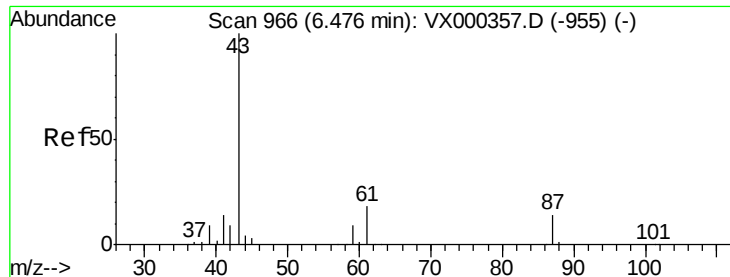
Tgt Ion:	41	Resp:	58861
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.7	68.5
67	75.0	57.8	86.8
52	33.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 50.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:	62	Resp:	98403
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

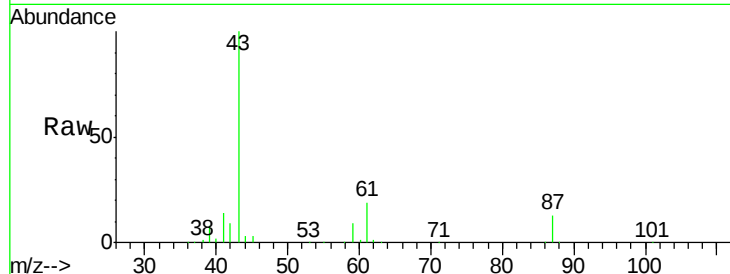




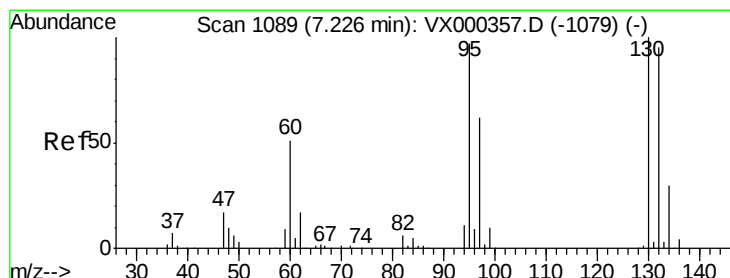
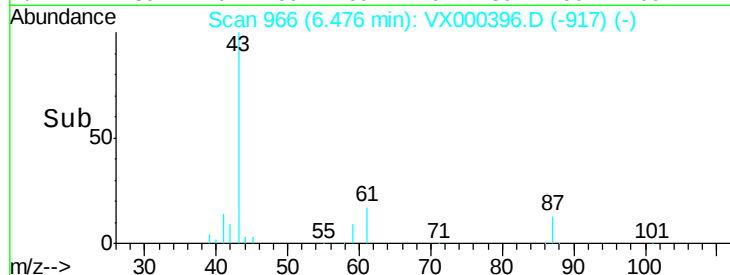
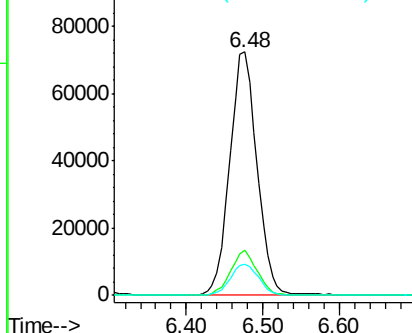
#43
Isopropyl Acetate
Concen: 51.26 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 178659
Ion Ratio Lower Upper
43 100
61 17.9 14.4 21.6
87 13.1 11.0 16.4

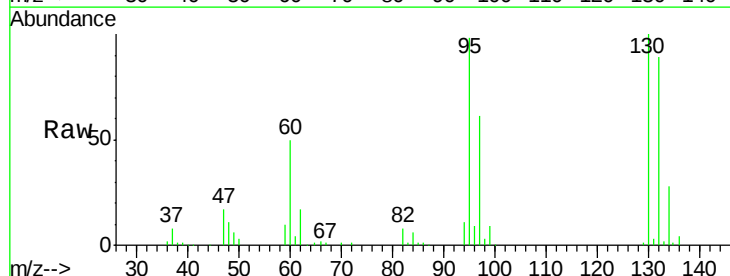


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

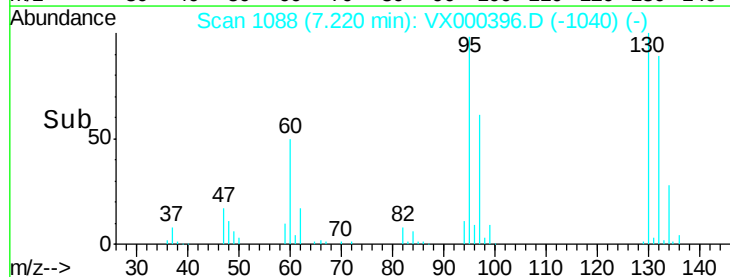
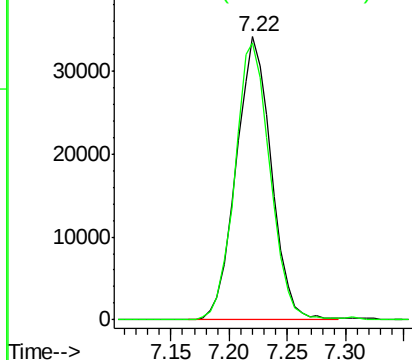


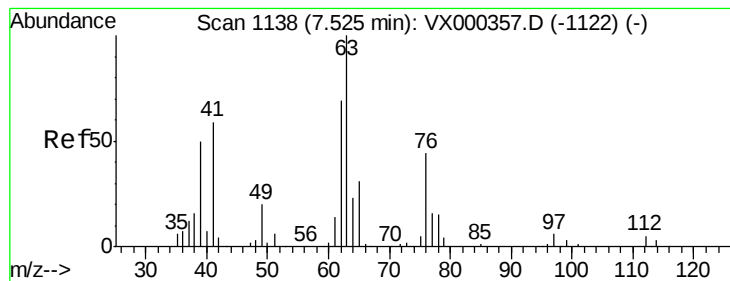
#44
Trichloroethene
Concen: 50.21 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 130 Resp: 71596
Ion Ratio Lower Upper
130 100
95 98.1 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.72 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

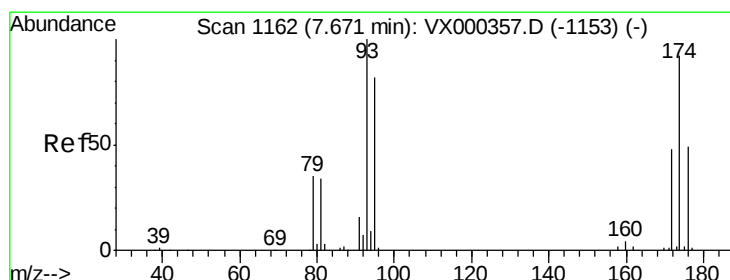
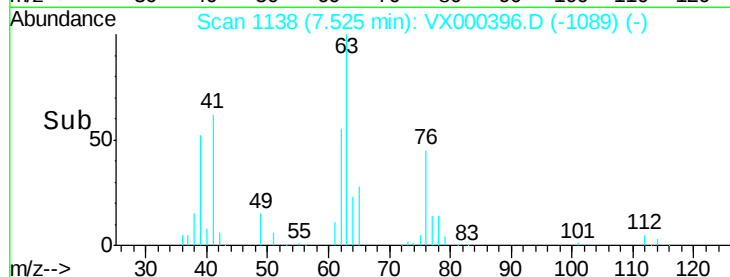
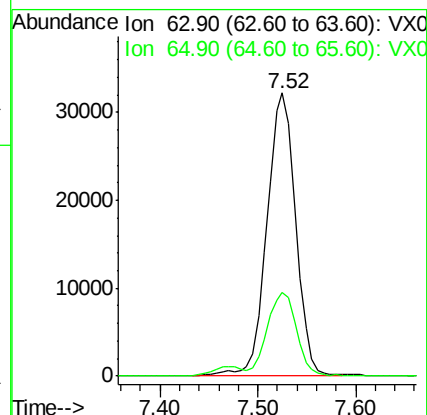
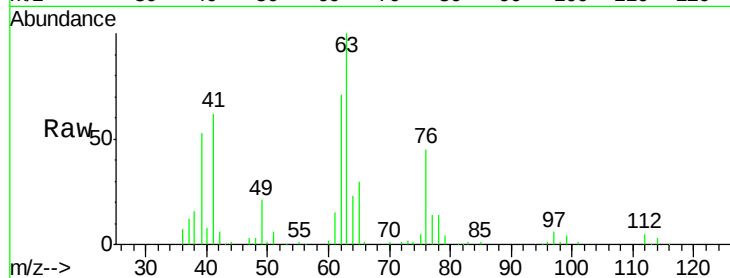
BFB

Tgt Ion: 63 Resp: 65898

Ion Ratio Lower Upper

63 100

65 29.5 24.6 36.8



#46

Dibromomethane

Concen: 50.56 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

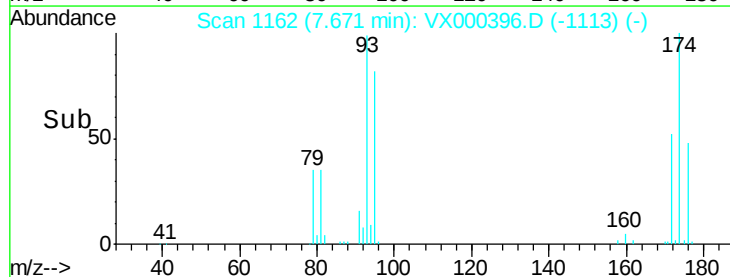
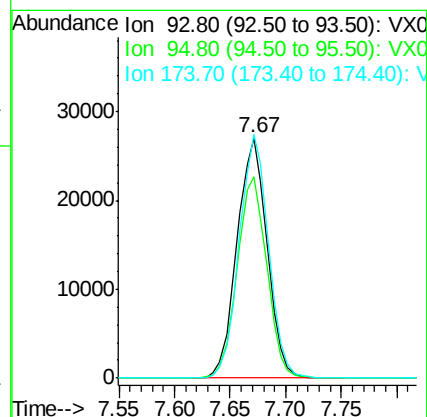
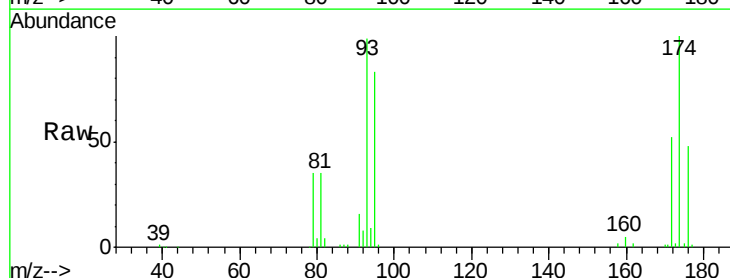
Tgt Ion: 93 Resp: 50568

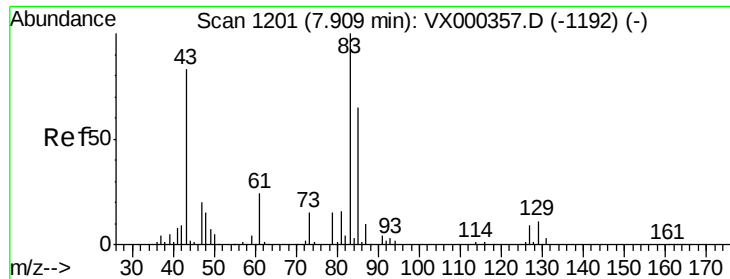
Ion Ratio Lower Upper

93 100

95 82.3 66.5 99.7

174 98.4 76.0 114.0





#47

Bromodichloromethane

Concen: 52.75 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

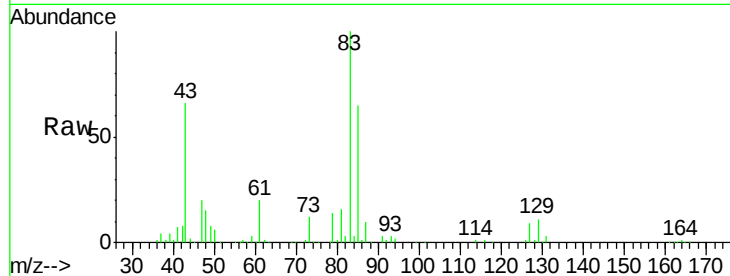
Tgt Ion: 83 Resp: 92823

Ion Ratio Lower Upper

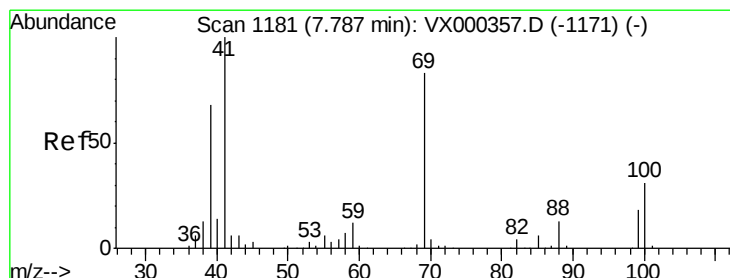
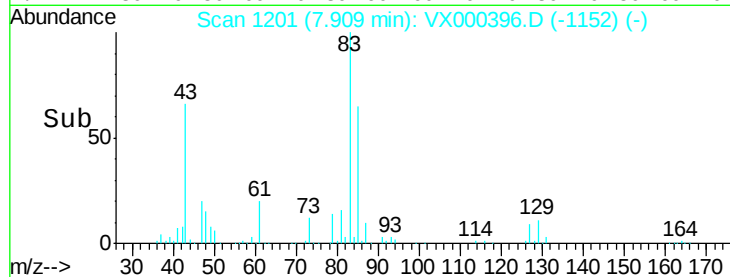
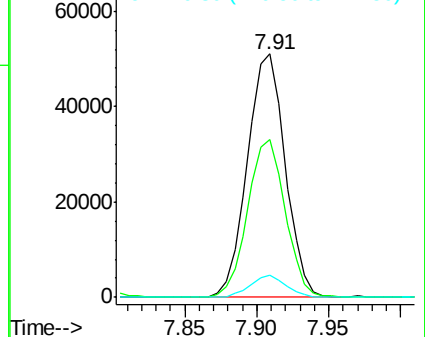
83 100

85 64.6 51.4 77.0

127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.59 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

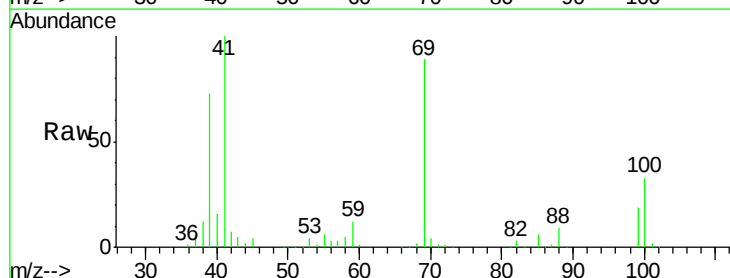
Tgt Ion: 41 Resp: 87292

Ion Ratio Lower Upper

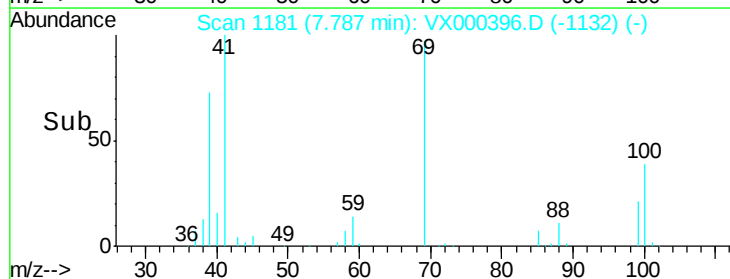
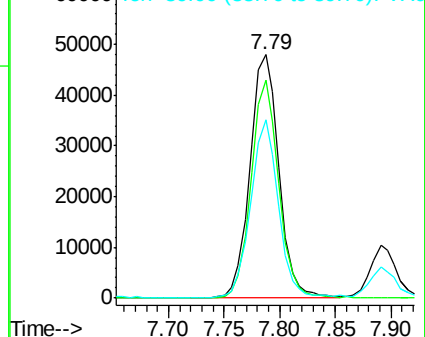
41 100

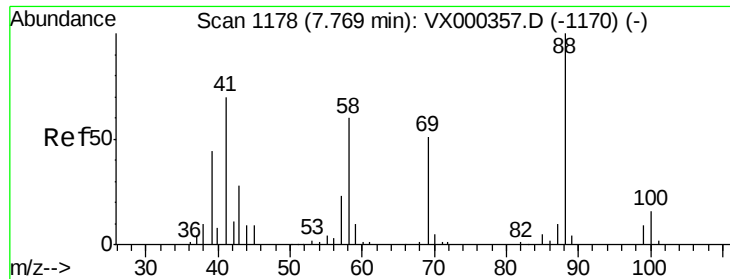
69 85.5 68.2 102.4

39 69.8 54.6 81.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

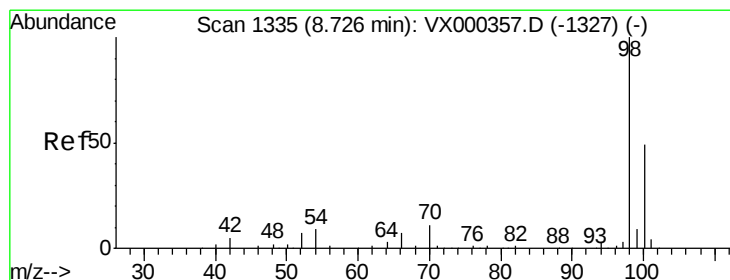
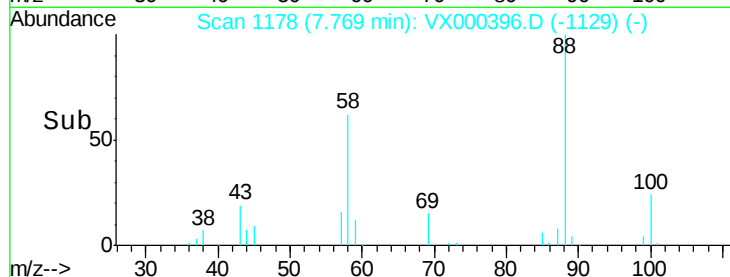
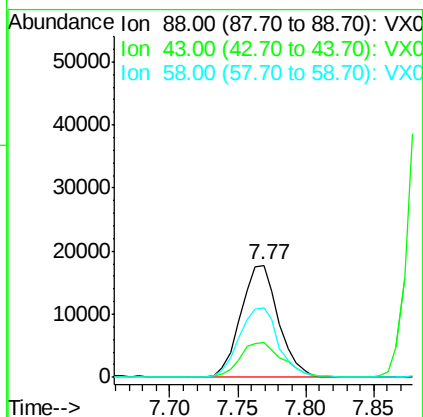
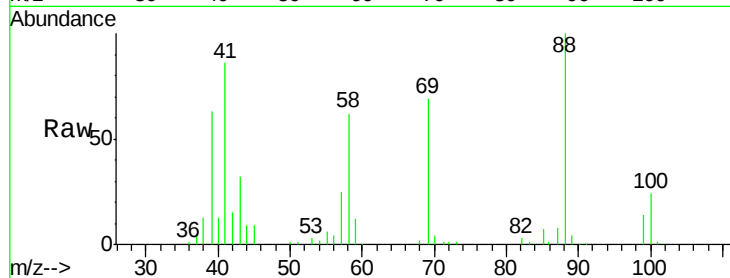




#49
1,4-Dioxane
Concen: 970.89 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

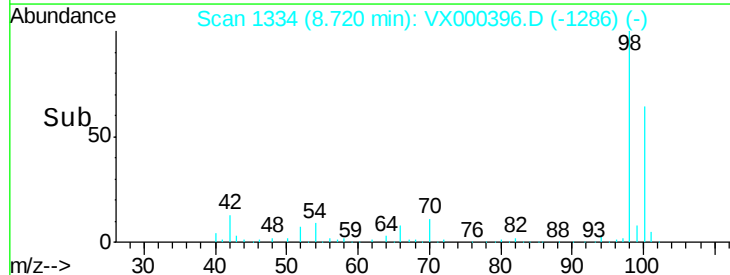
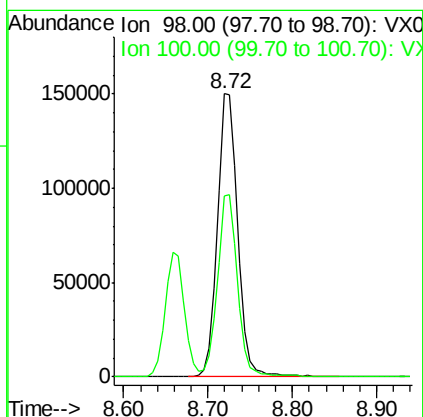
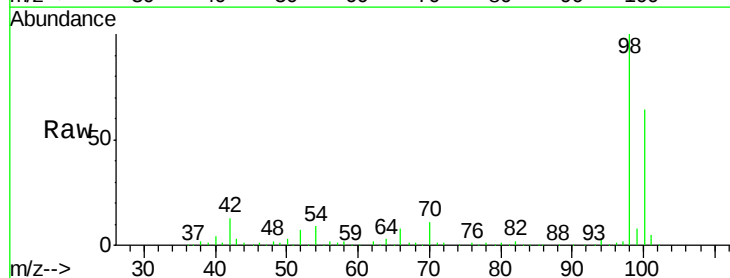
Instrument :
MSVOA_X
ClientSampleId :
BFB

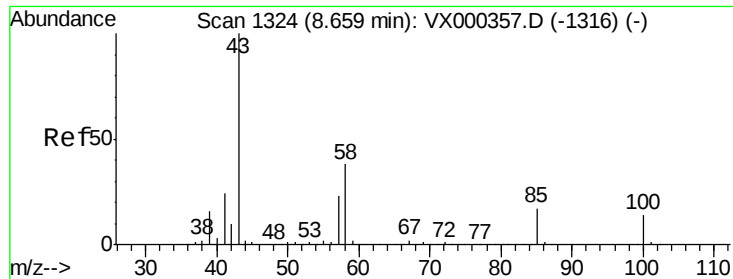
Tgt Ion: 88 Resp: 34530
Ion Ratio Lower Upper
88 100
43 35.2 26.8 40.2
58 64.9 52.2 78.2



#50
Toluene-d8
Concen: 52.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 98 Resp: 250206
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

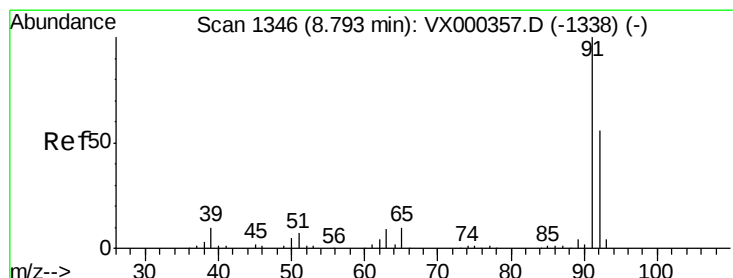
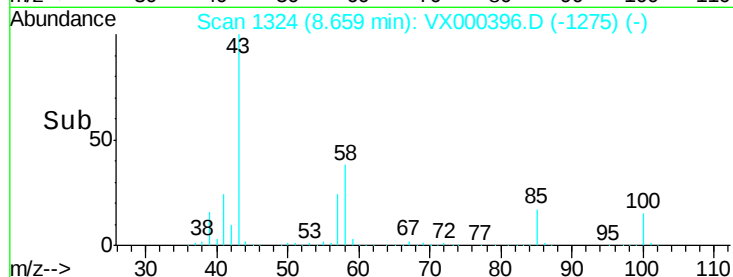
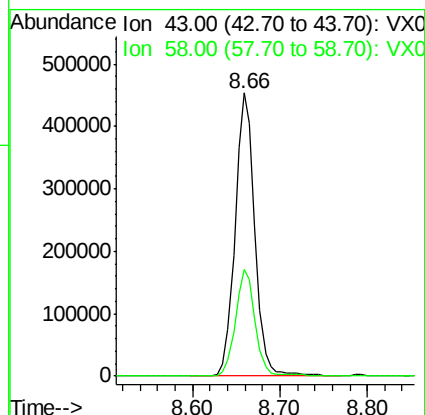
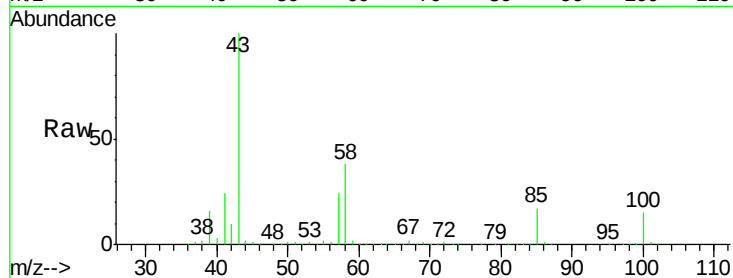




#51
4-Methyl-2-Pentanone
Concen: 265.21 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

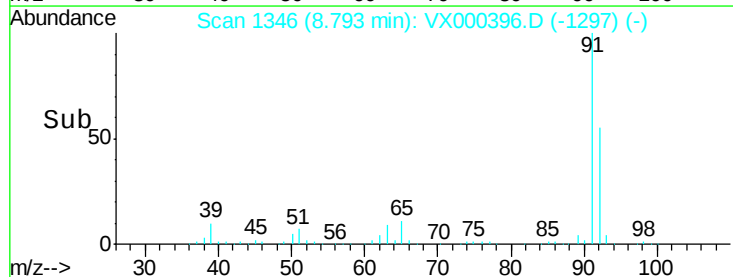
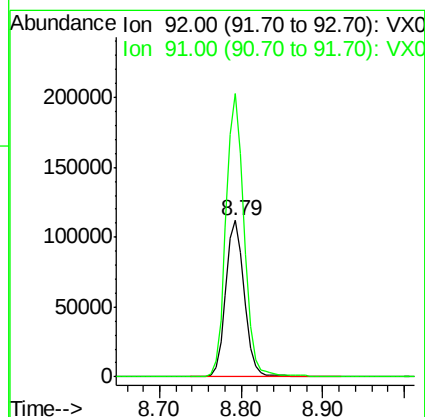
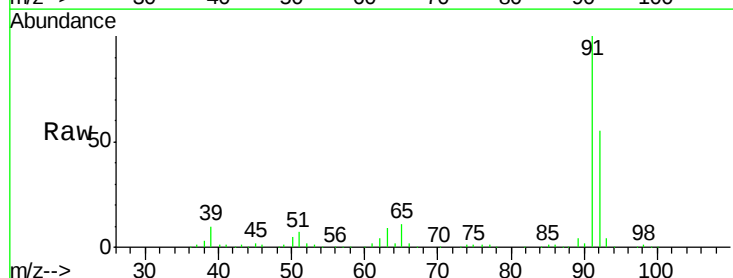
Instrument :
MSVOA_X
ClientSampled :
BFB

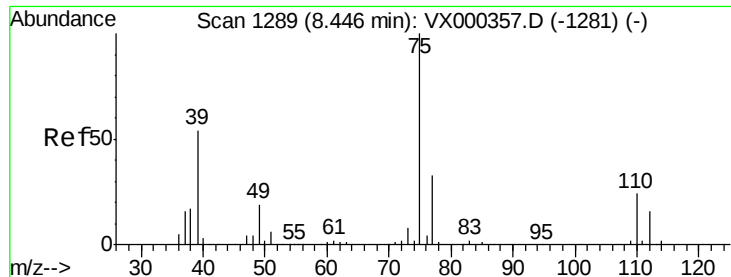
Tgt Ion: 43 Resp: 715440
Ion Ratio Lower Upper
43 100
58 37.0 30.3 45.5



#52
Toluene
Concen: 50.81 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 92 Resp: 176803
Ion Ratio Lower Upper
92 100
91 177.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 52.97 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

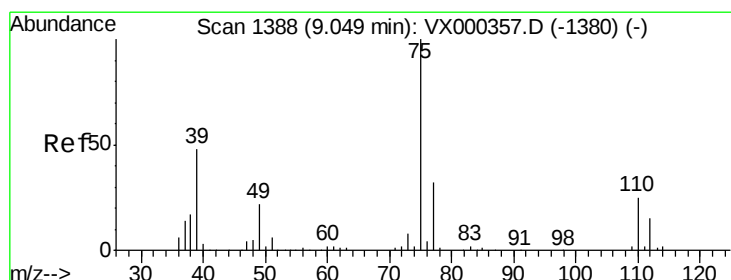
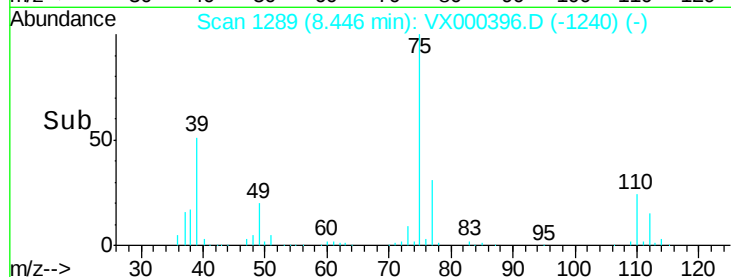
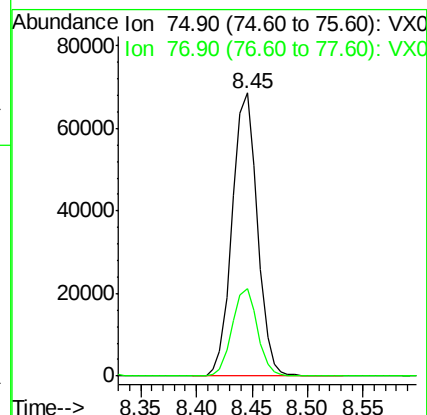
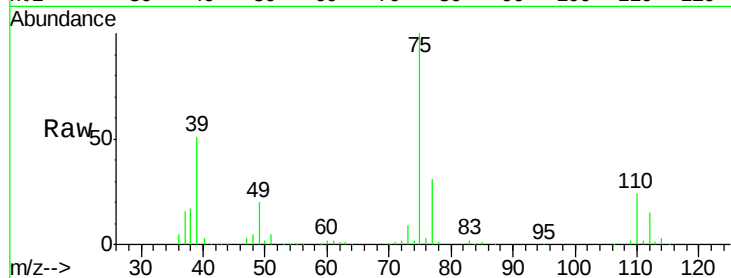
BFB

Tgt Ion: 75 Resp: 108011

Ion Ratio Lower Upper

75 100

77 30.7 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 53.44 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

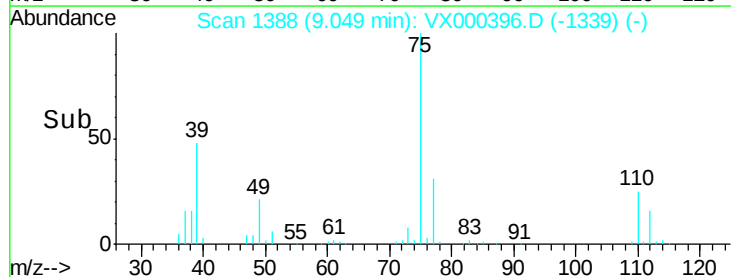
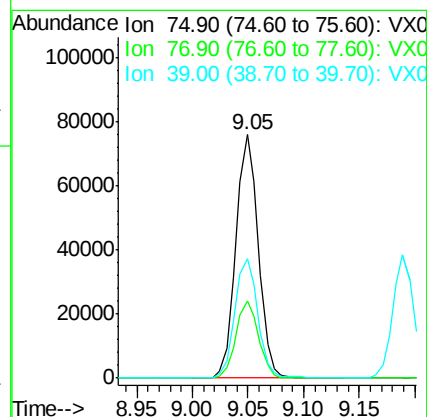
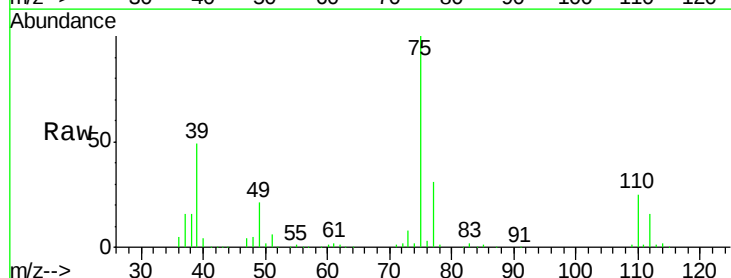
Tgt Ion: 75 Resp: 105689

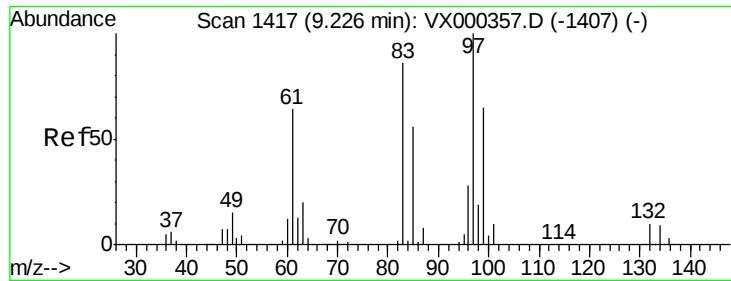
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

39 48.8 39.8 59.6

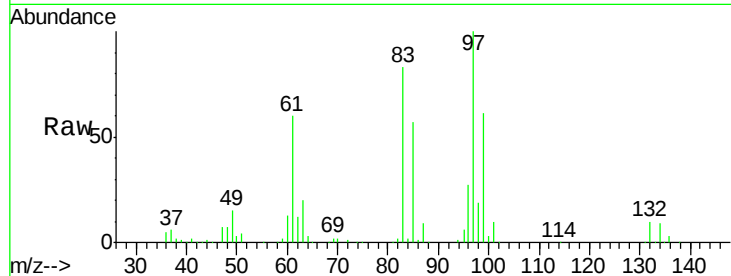




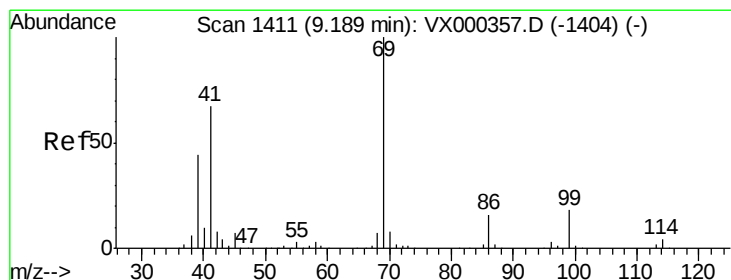
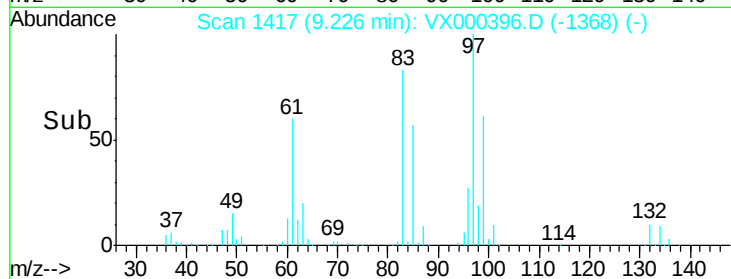
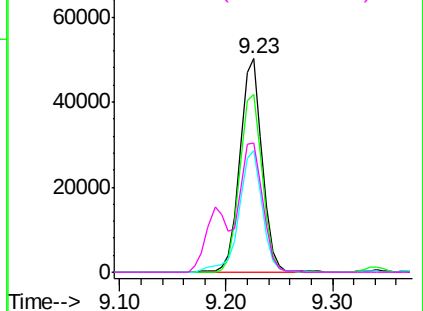
#55
 1,1,2-Trichloroethane
 Concen: 51.54 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:	97	Resp:	73753
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.9	101.9
85	56.7	42.8	64.2
99	60.7	49.4	74.2

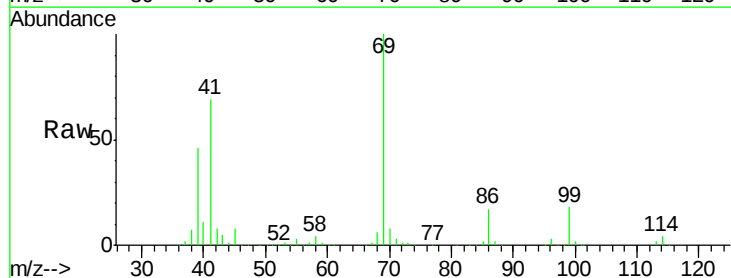


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

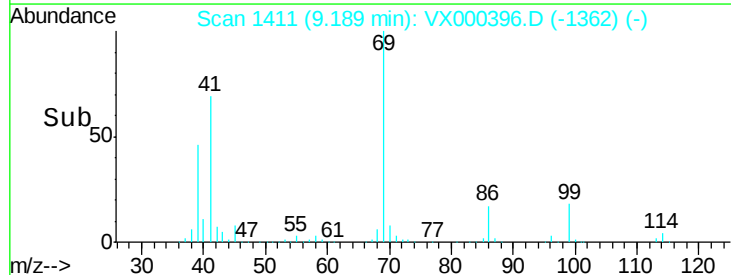
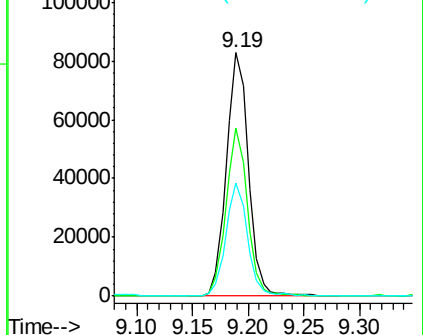


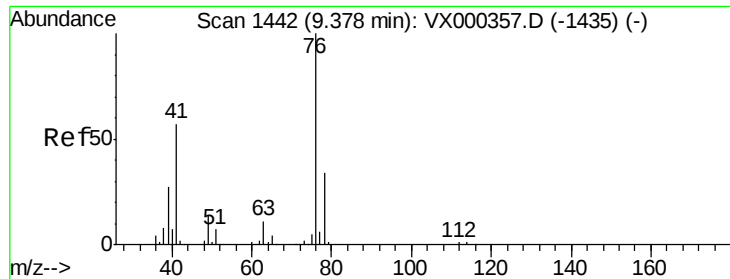
#56
 Ethyl methacrylate
 Concen: 52.57 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion:	69	Resp:	113989
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.0	79.6
39	45.0	35.3	52.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

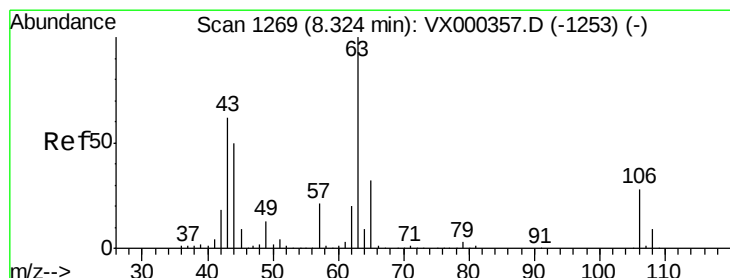
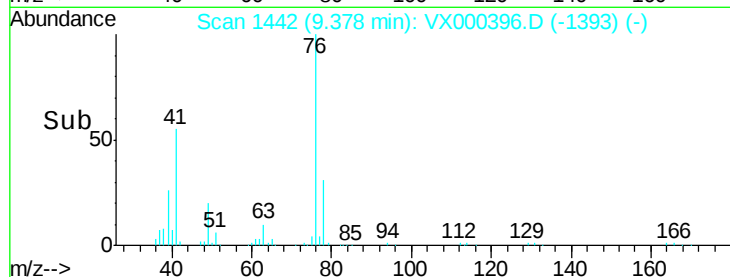
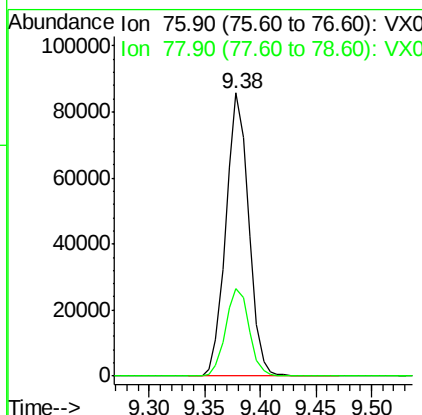
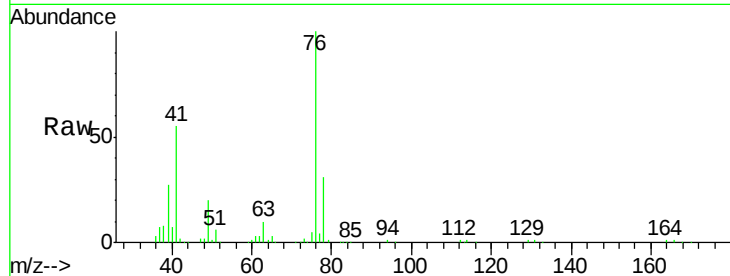




#57
 1,3-Dichloropropane
 Concen: 53.26 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

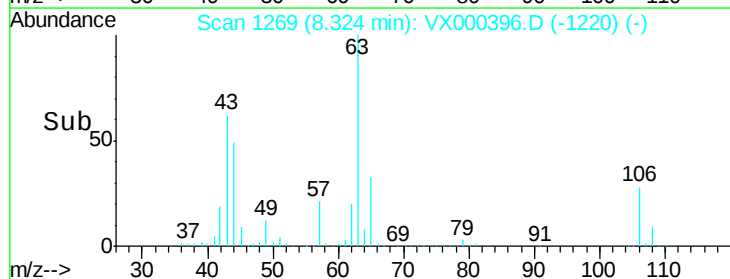
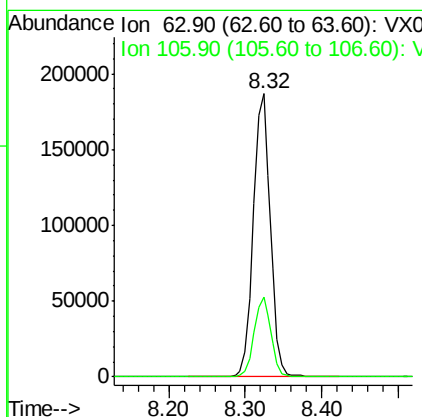
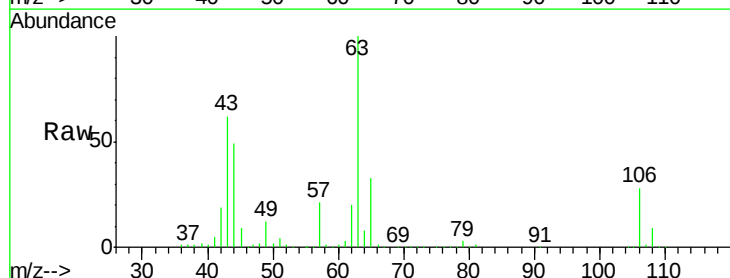
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 76 Resp: 121895
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.30 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion: 63 Resp: 290671
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8

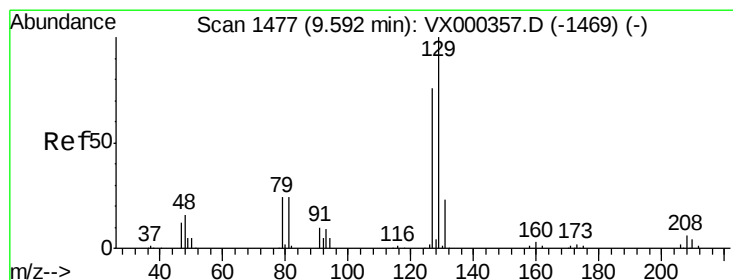
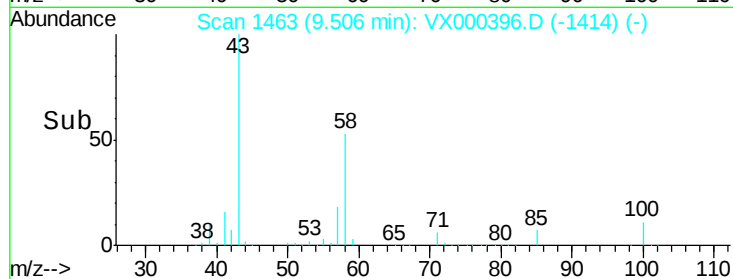
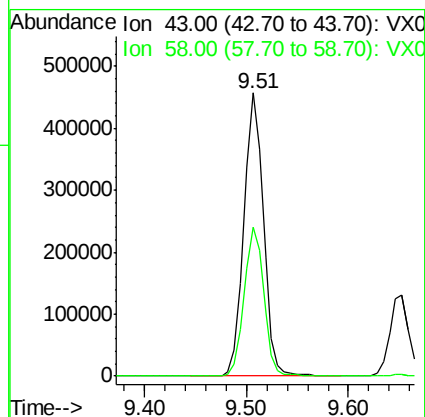
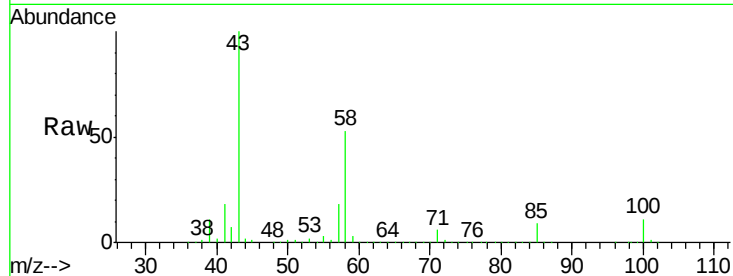




#59
2-Hexanone
Concen: 264.26 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

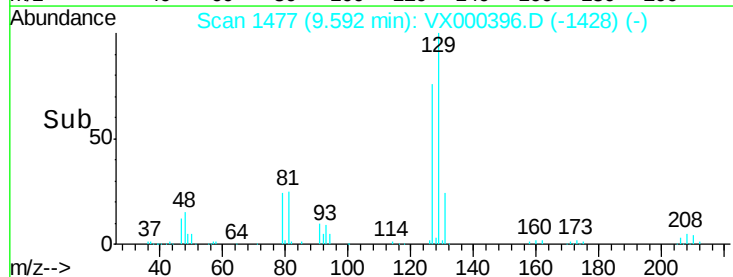
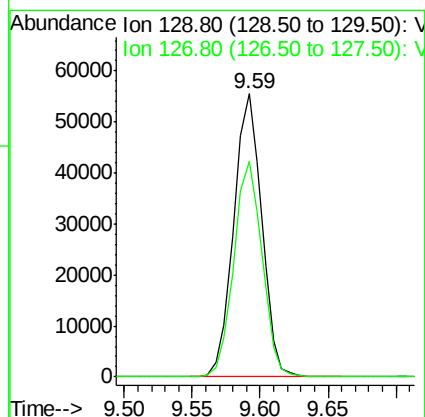
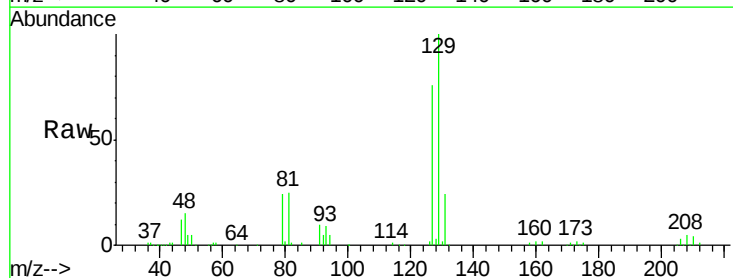
Instrument :
MSVOA_X
ClientSampled :
BFB

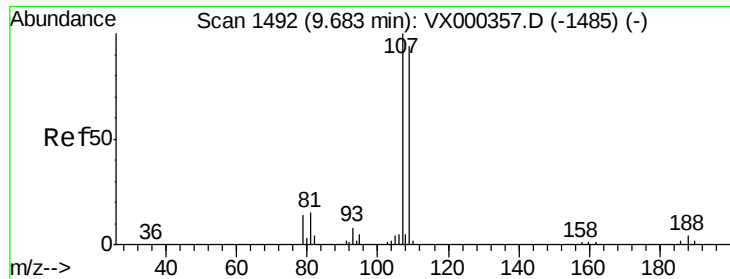
Tgt Ion: 43 Resp: 605313
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7



#60
Dibromochloromethane
Concen: 47.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 129 Resp: 79657
Ion Ratio Lower Upper
129 100
127 76.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.32 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

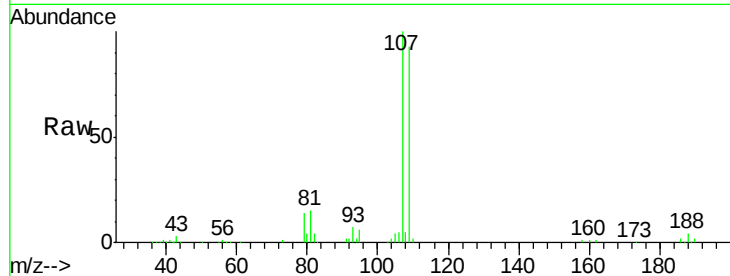
BFB

Tgt Ion: 107 Resp: 80292

Ion Ratio Lower Upper

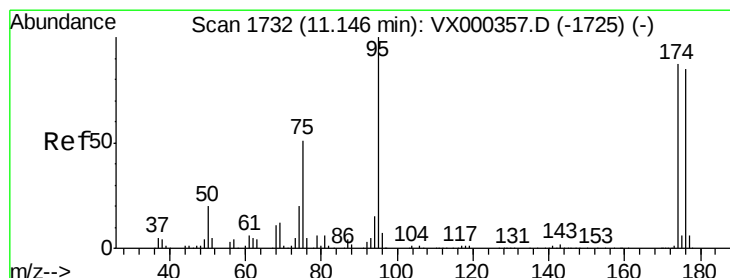
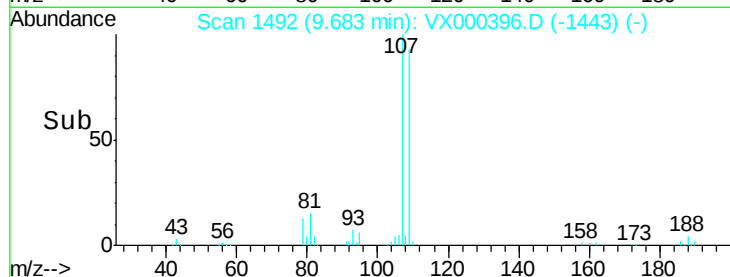
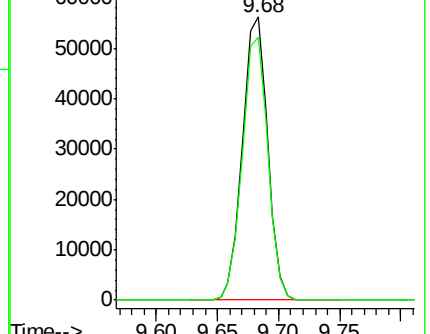
107 100

109 94.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.22 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

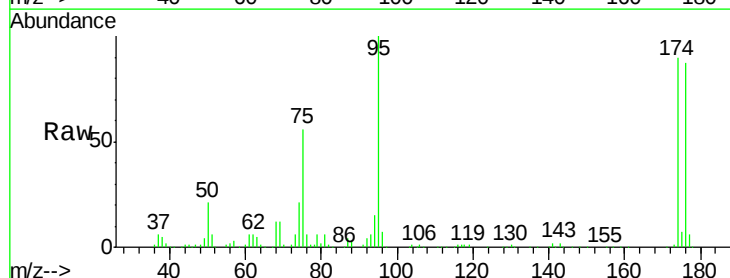
Tgt Ion: 95 Resp: 94500

Ion Ratio Lower Upper

95 100

174 90.5 0.0 173.6

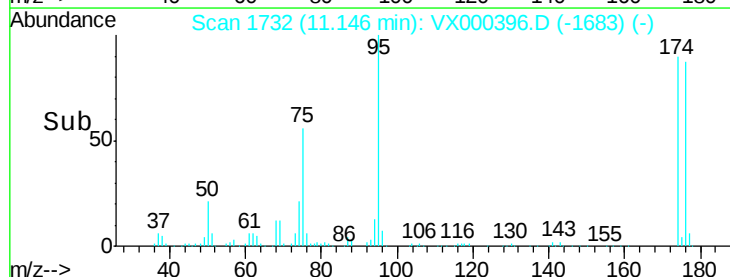
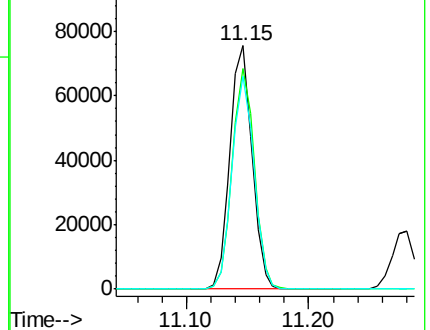
176 86.8 0.0 164.6

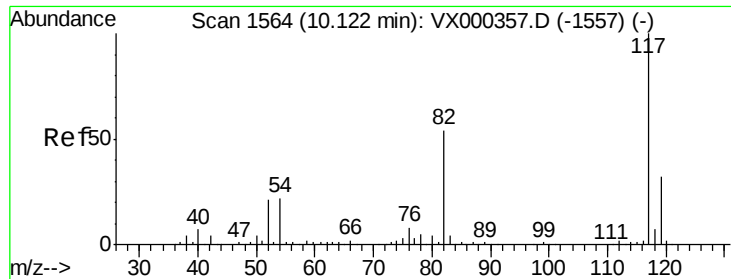


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

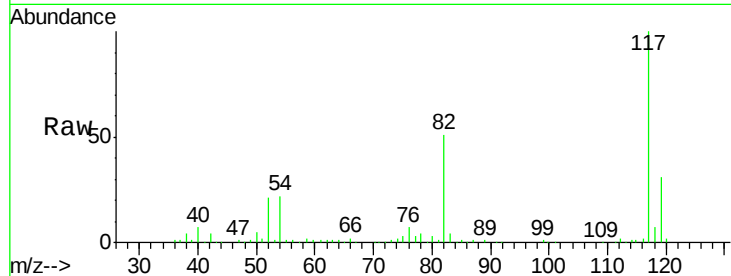




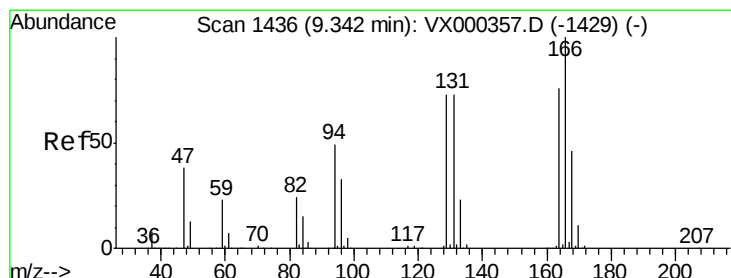
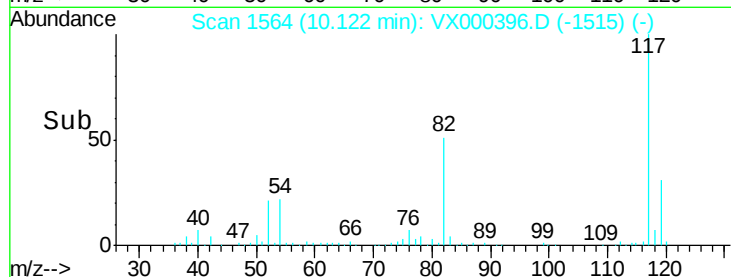
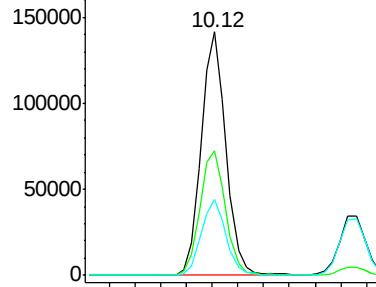
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:117 Resp: 190235
Ion Ratio Lower Upper
117 100
82 51.4 43.8 65.8
119 31.4 24.9 37.3

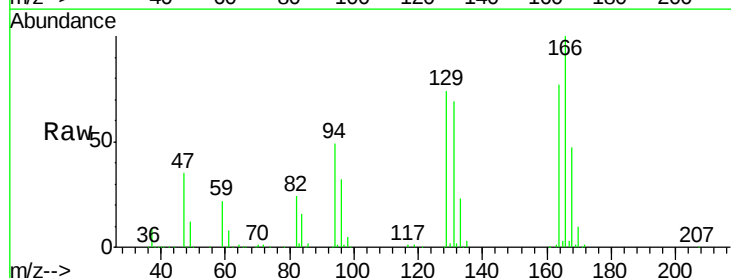


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

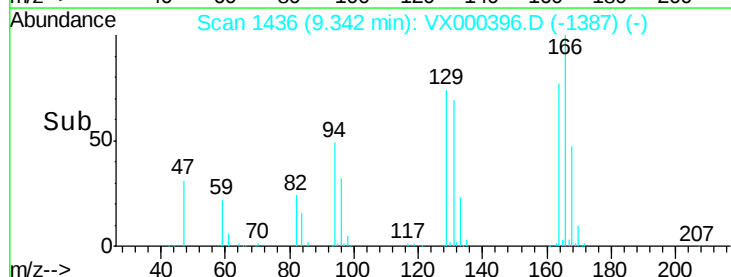
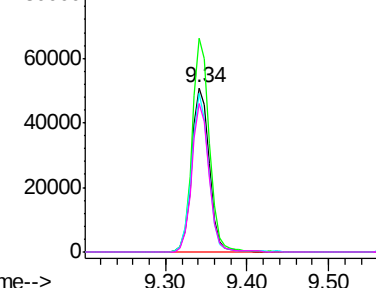


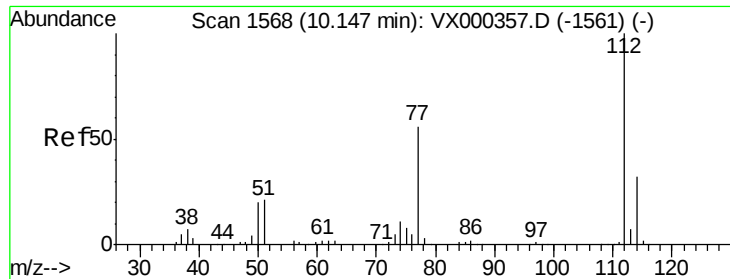
#64
Tetrachloroethene
Concen: 51.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:164 Resp: 76697
Ion Ratio Lower Upper
164 100
166 129.9 101.0 151.6
129 96.7 79.0 118.4
131 90.0 71.9 107.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

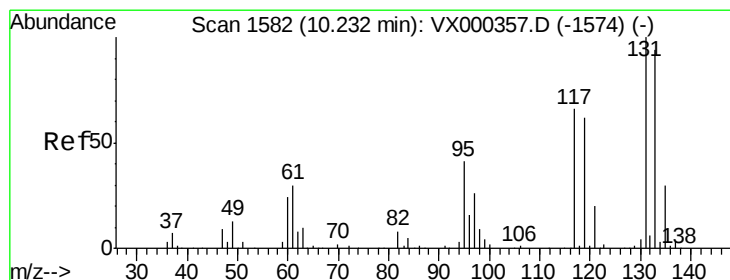
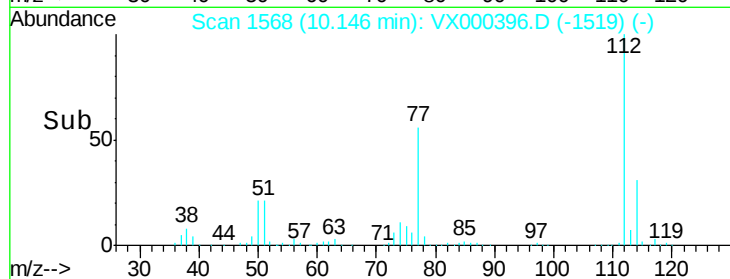
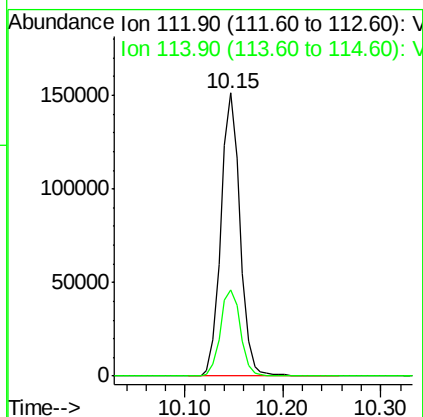
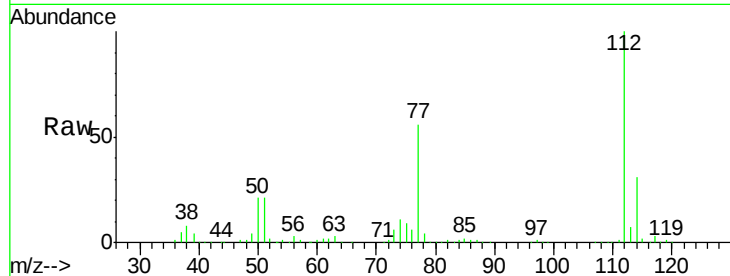




#65
Chlorobenzene
Concen: 48.53 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

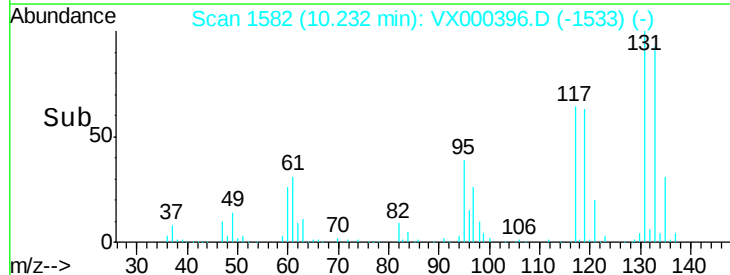
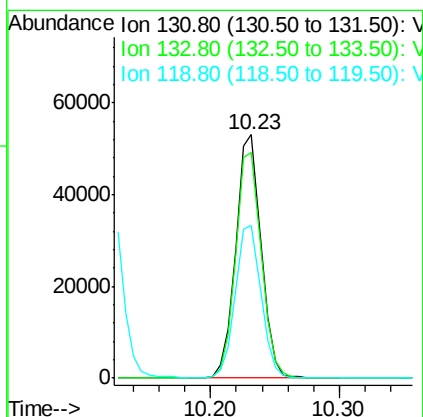
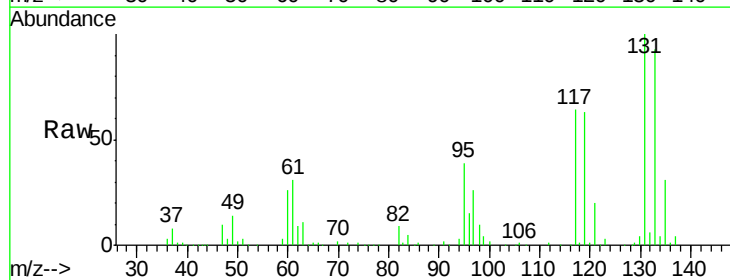
Instrument :
MSVOA_X
ClientSampleId :
BFB

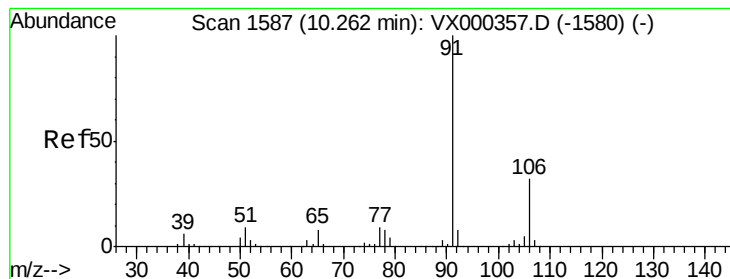
Tgt Ion:112 Resp: 205472
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.50 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:131 Resp: 72611
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 64.2 33.1 99.2





#67

Ethyl Benzene

Concen: 49.75 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

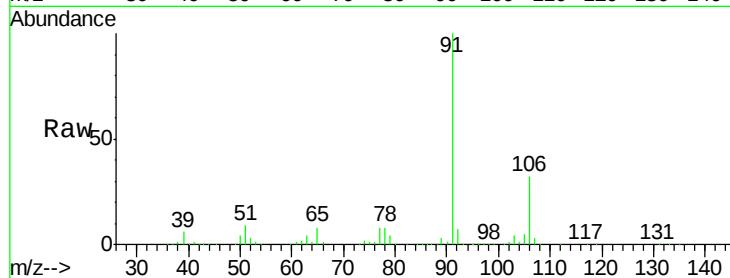
BFB

Tgt Ion: 91 Resp: 357031

Ion Ratio Lower Upper

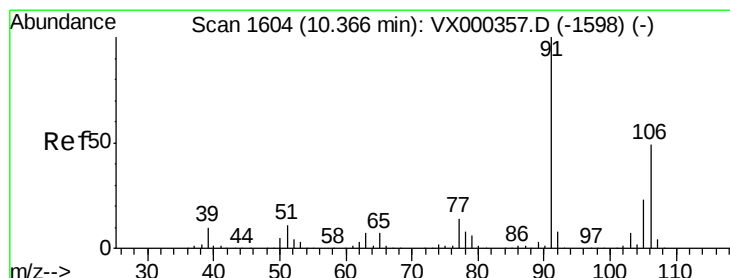
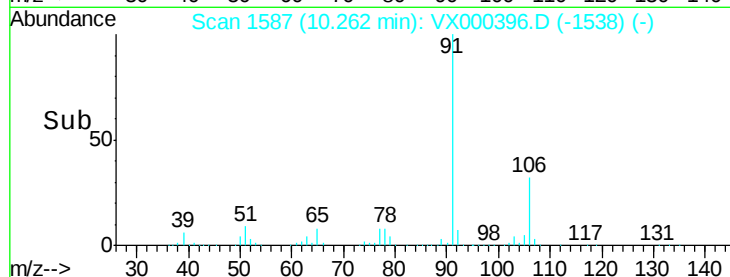
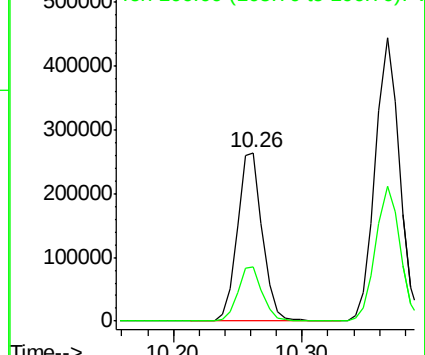
91 100

106 32.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000396.D

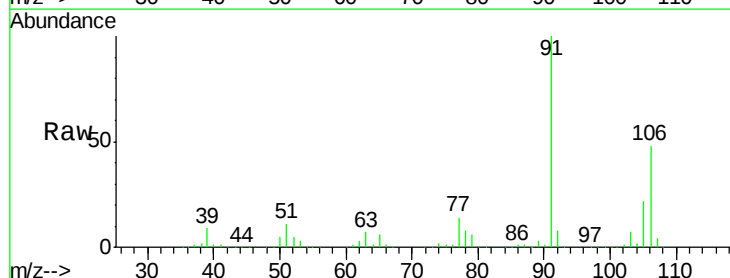
Acq: 22 Mar 2018 10:34

Tgt Ion: 106 Resp: 277345

Ion Ratio Lower Upper

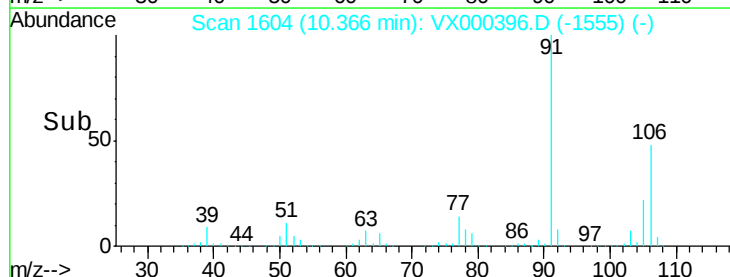
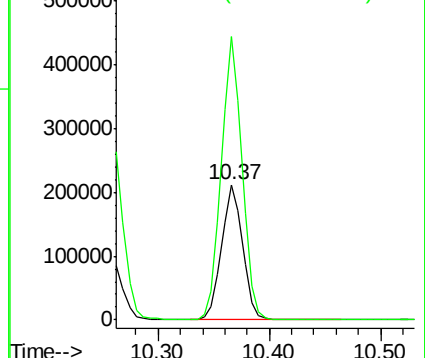
106 100

91 207.2 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

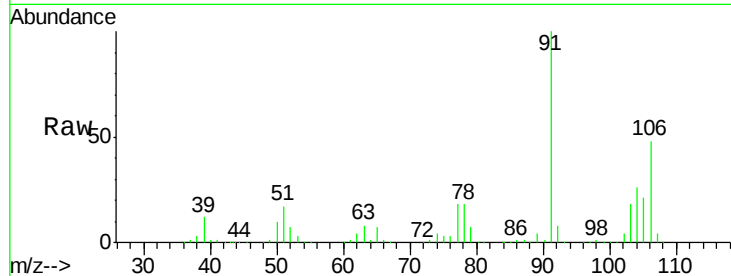




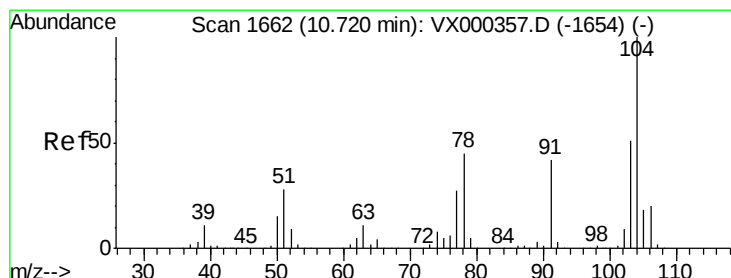
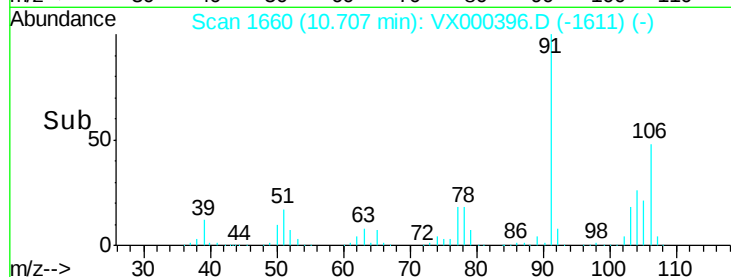
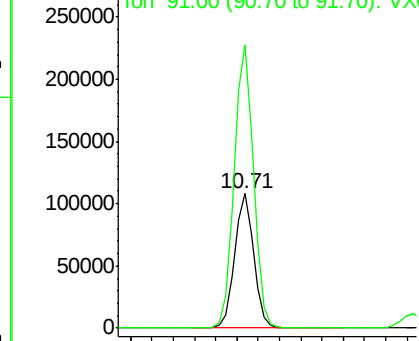
#69
o-Xylene
Concen: 49.79 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 136130
Ion Ratio Lower Upper
106 100
91 213.6 106.5 319.6

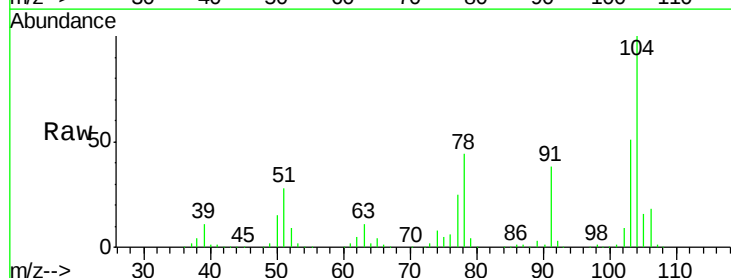


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

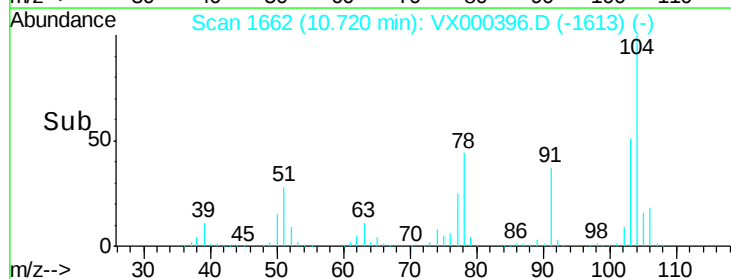
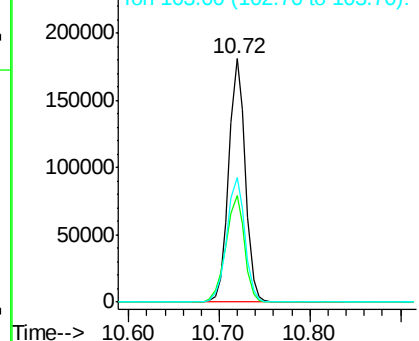


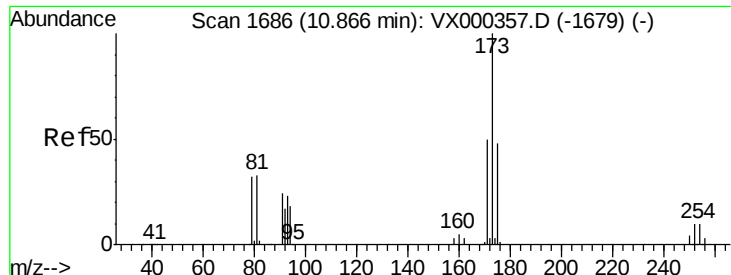
#70
Styrene
Concen: 50.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:104 Resp: 230022
Ion Ratio Lower Upper
104 100
78 49.4 40.5 60.7
103 56.1 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 42.81 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

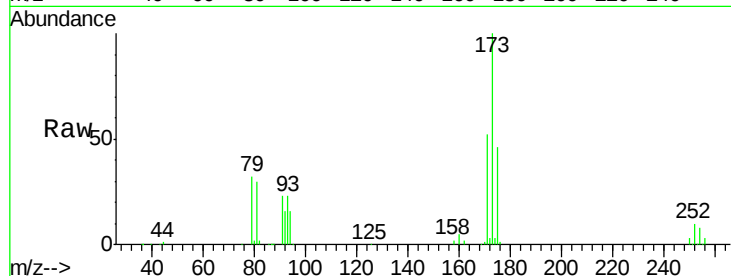
Tgt Ion:173 Resp: 63009

Ion Ratio Lower Upper

173 100

175 49.1 25.4 76.4

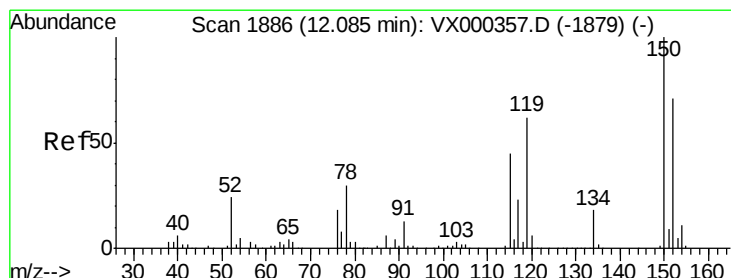
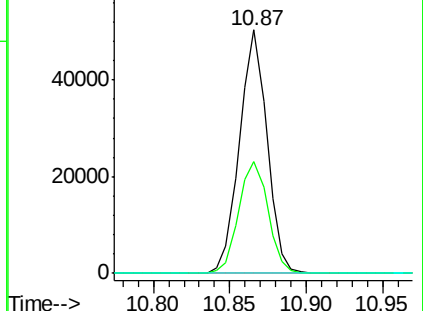
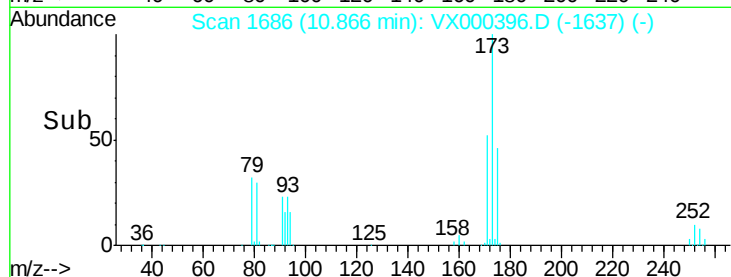
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

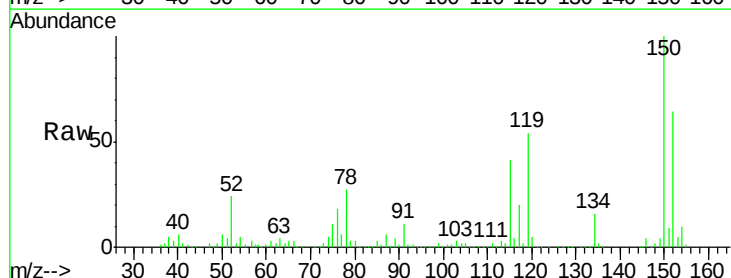
Tgt Ion:152 Resp: 115110

Ion Ratio Lower Upper

152 100

115 82.0 39.8 119.3

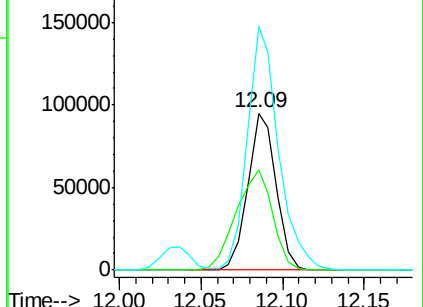
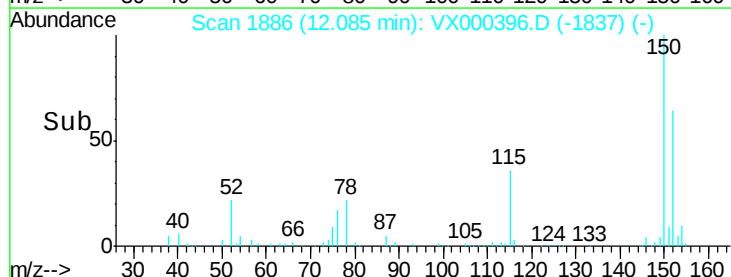
150 171.5 0.0 344.4

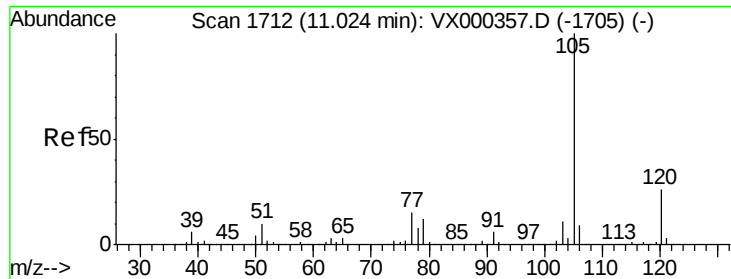


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

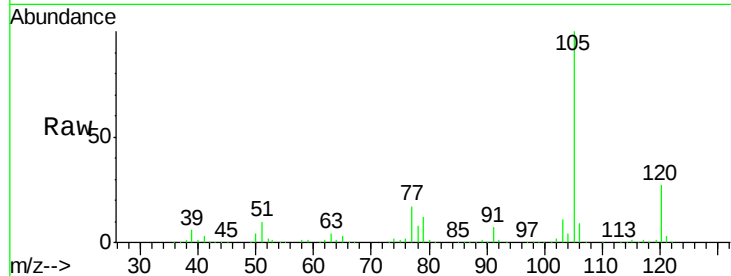
BFB

Tgt Ion:105 Resp: 376445

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

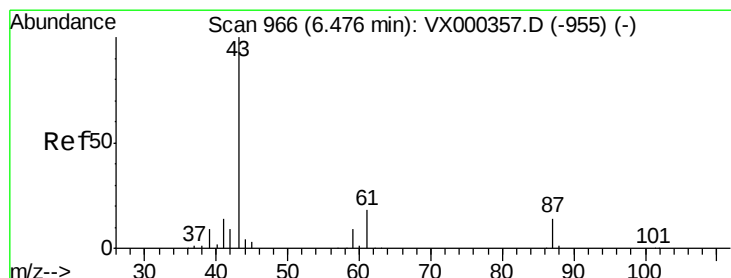
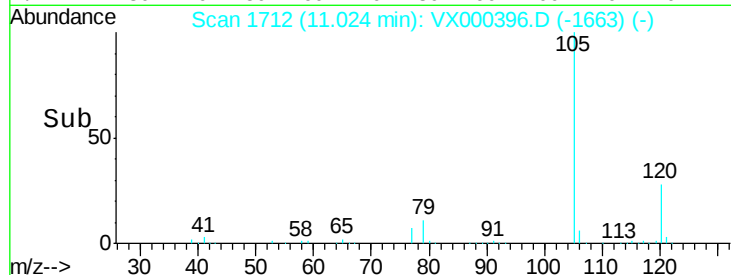
100000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 54.01 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion: 43 Resp: 178659

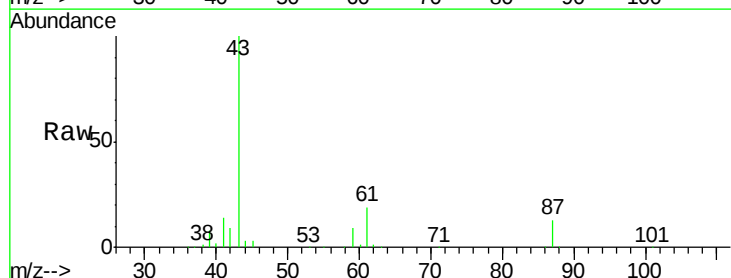
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

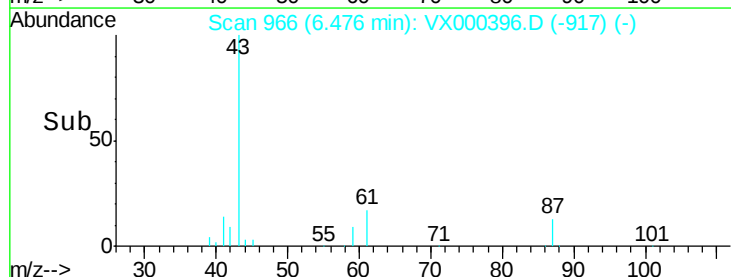
20000

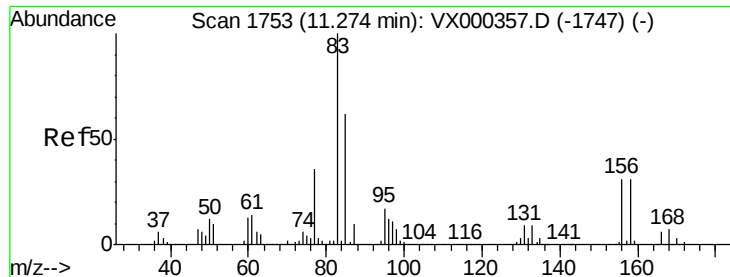
0

6.48

6.40 6.50 6.60

Time-->

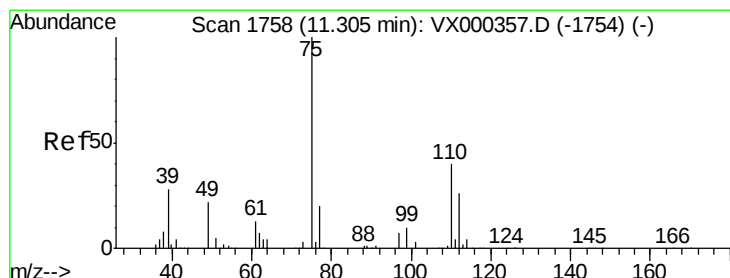
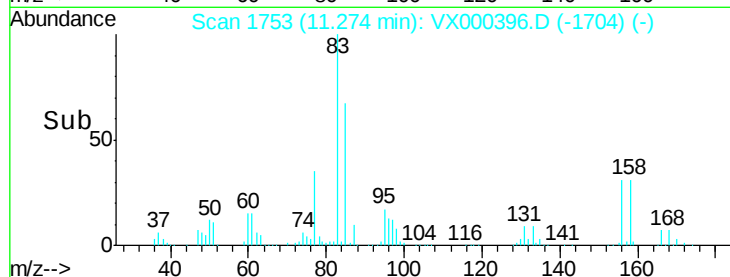
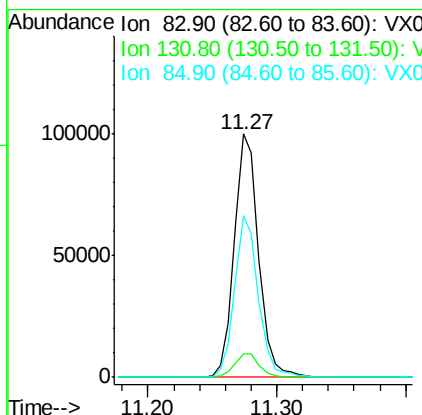
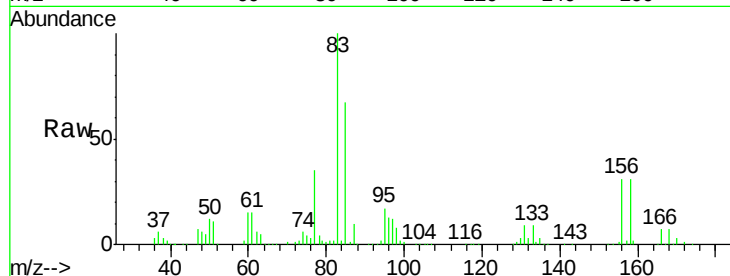




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.81 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

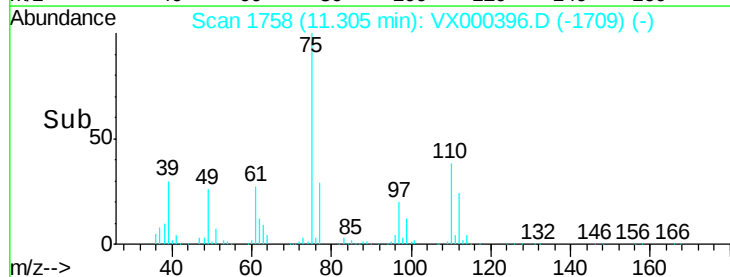
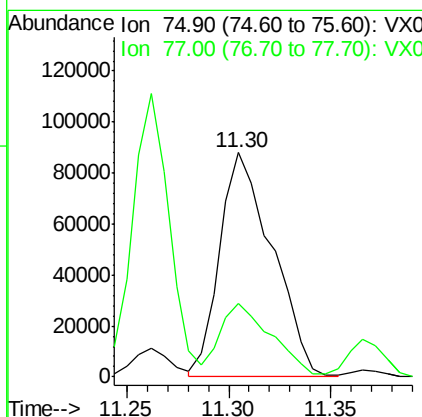
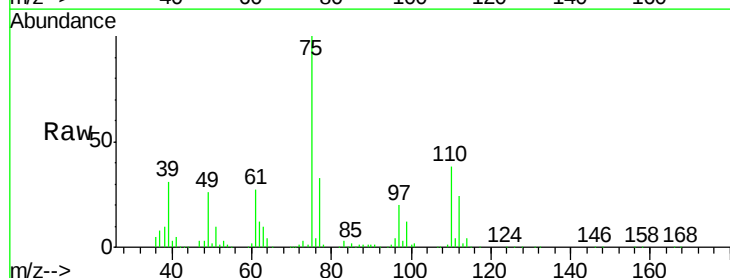
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

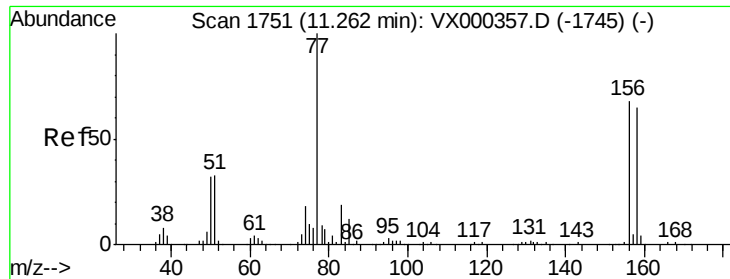
Tgt Ion: 83 Resp: 131660
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 65.4 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 63.66 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion: 75 Resp: 157483
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.4 64.2





#77

Bromobenzene

Concen: 45.51 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

BFB

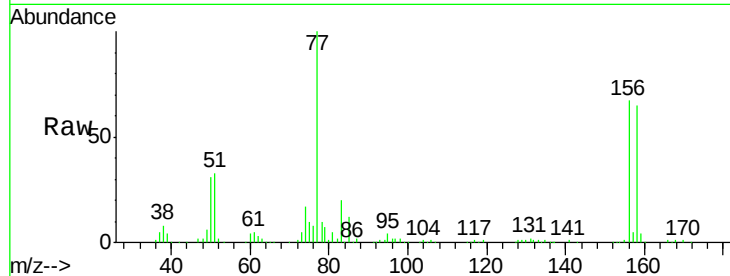
Tgt Ion:156 Resp: 92468

Ion Ratio Lower Upper

156 100

77 150.7 73.4 220.2

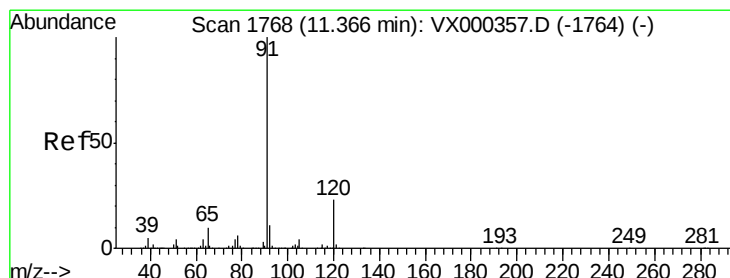
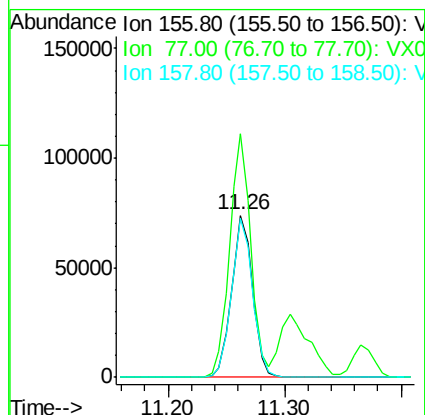
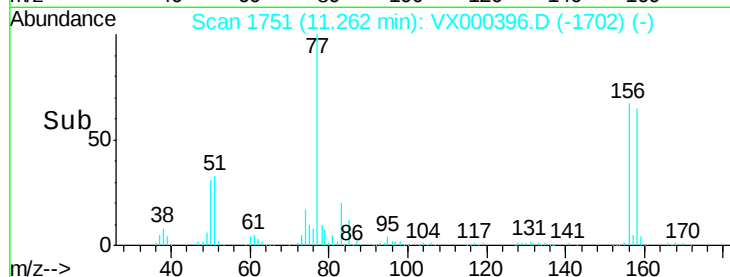
158 98.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000396.D

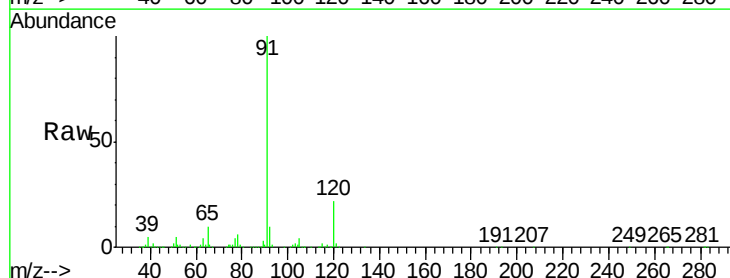
Acq: 22 Mar 2018 10:34

Tgt Ion: 91 Resp: 447671

Ion Ratio Lower Upper

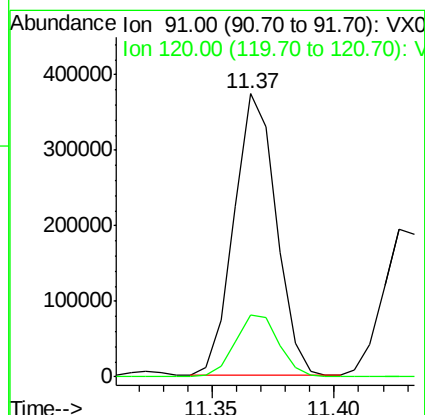
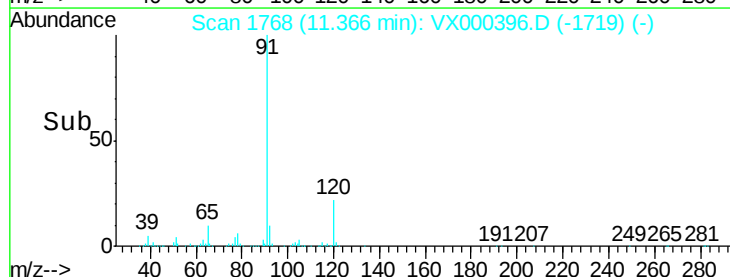
91 100

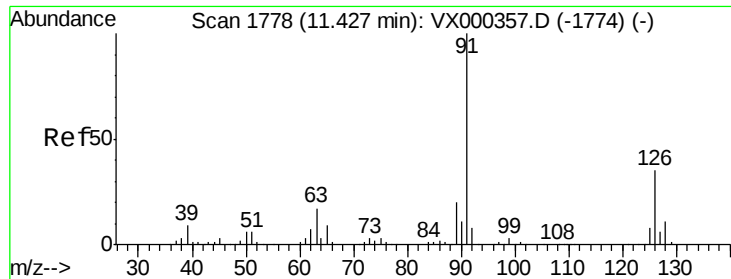
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.21 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

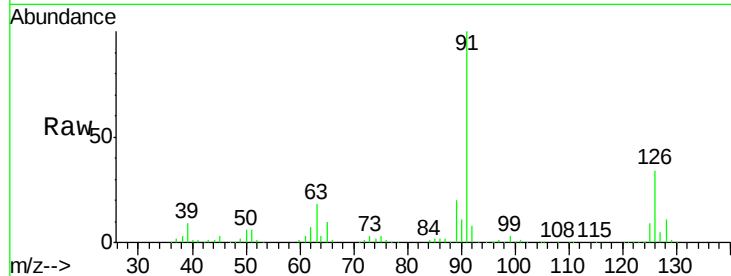
BFB

Tgt Ion: 91 Resp: 253268

Ion Ratio Lower Upper

91 100

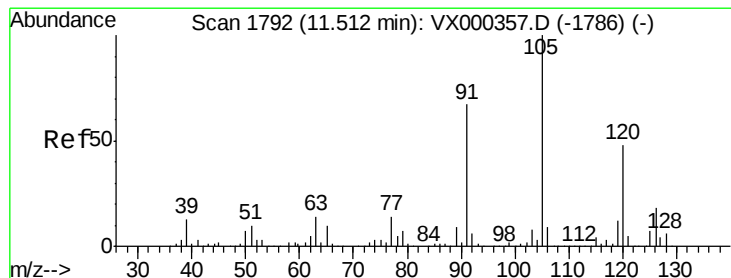
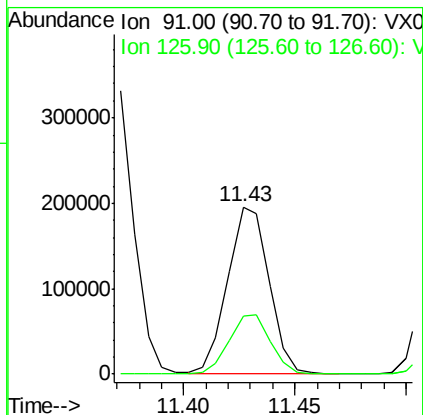
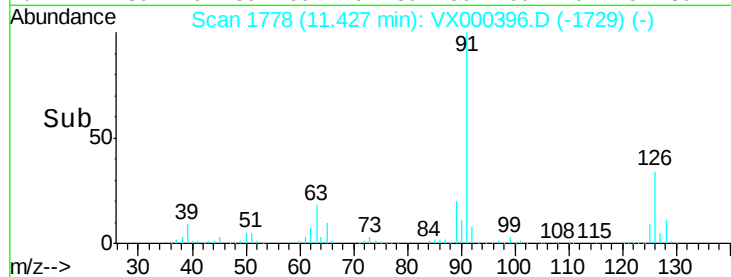
126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000396.D

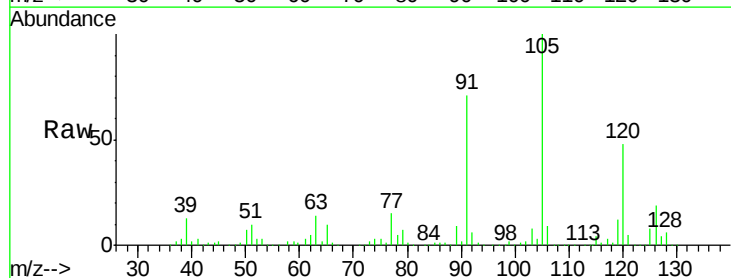
Acq: 22 Mar 2018 10:34

Tgt Ion: 105 Resp: 327253

Ion Ratio Lower Upper

105 100

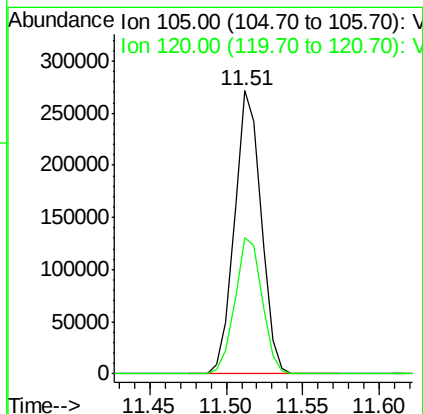
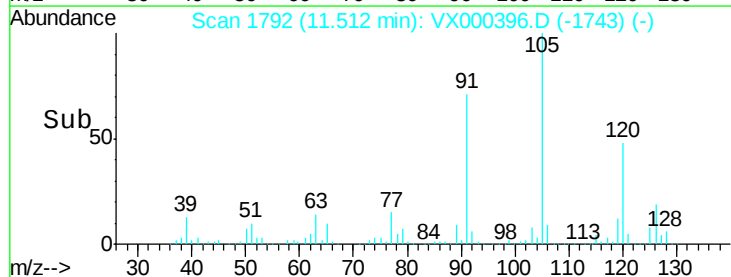
120 48.9 24.1 72.4

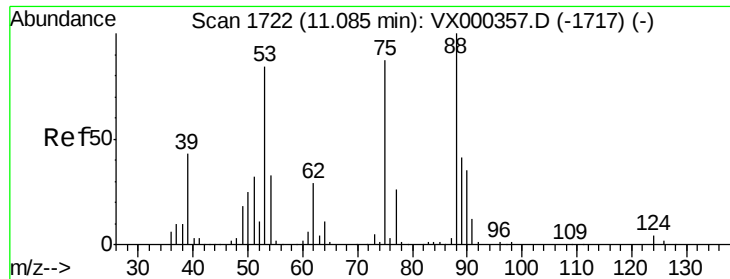


Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.79 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

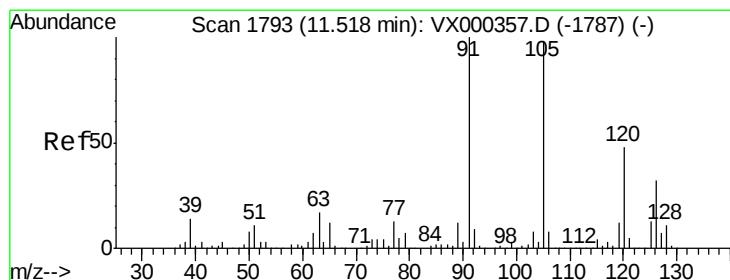
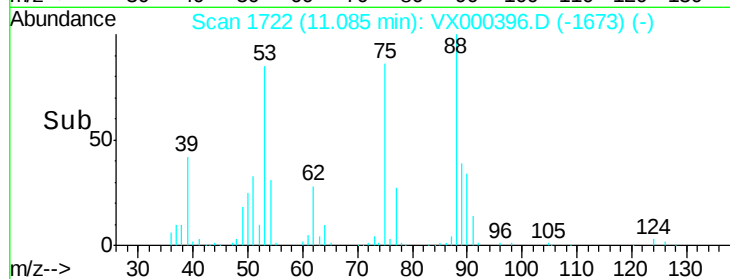
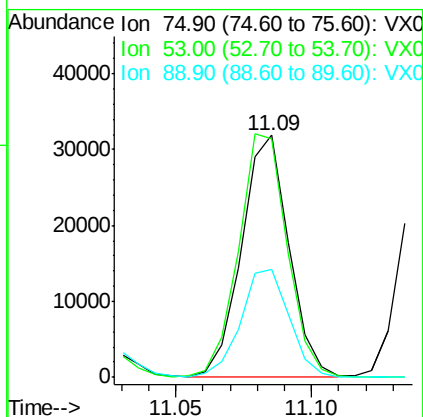
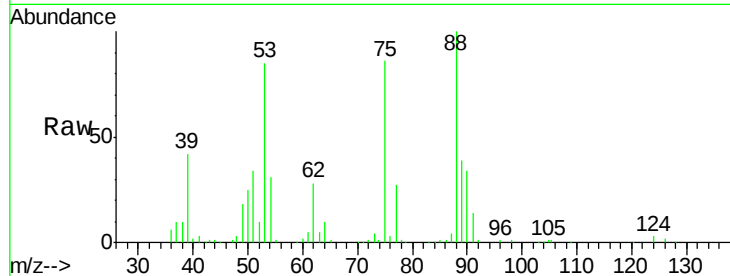
Tgt Ion: 75 Resp: 38045

Ion Ratio Lower Upper

75 100

53 104.8 80.7 121.1

89 46.4 39.4 59.0



#82

4-Chlorotoluene

Concen: 49.93 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000396.D

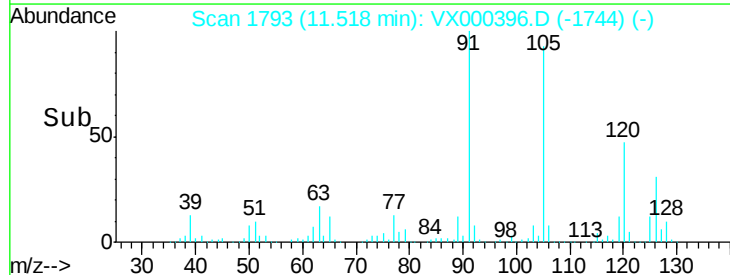
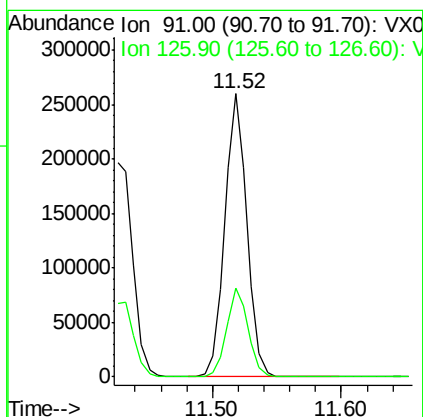
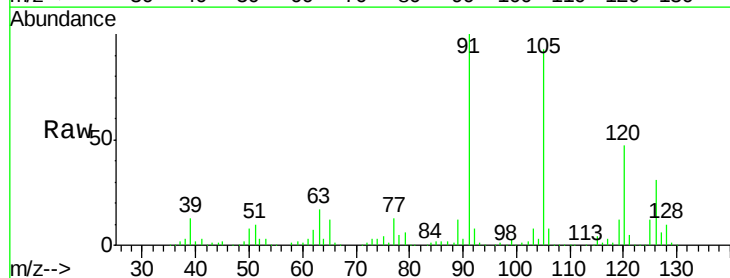
Acq: 22 Mar 2018 10:34

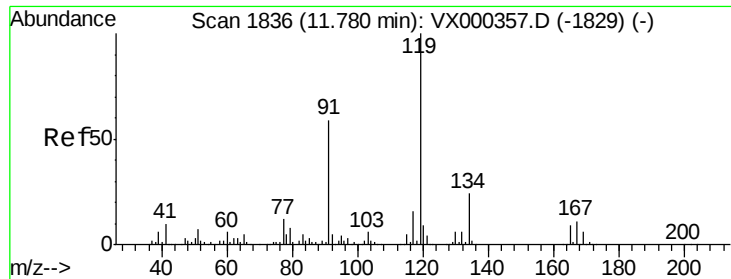
Tgt Ion: 91 Resp: 313214

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.1

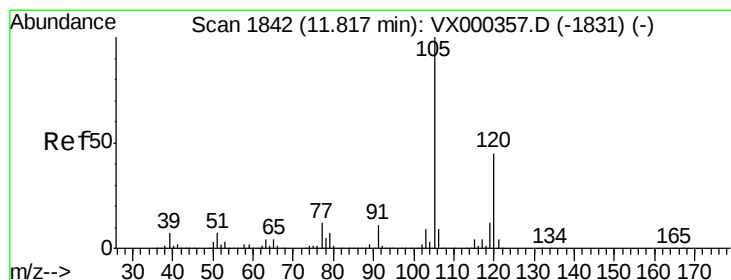
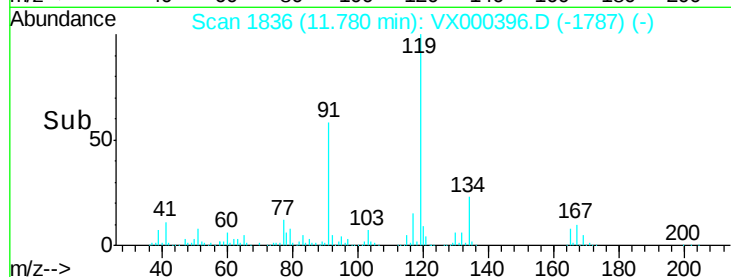
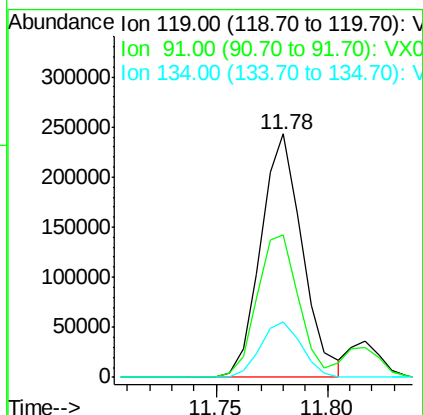
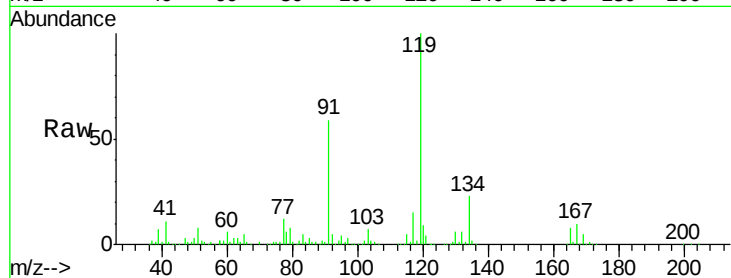




#83
 tert-Butylbenzene
 Concen: 48.71 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

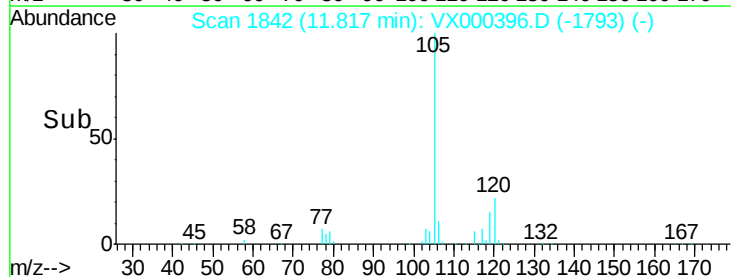
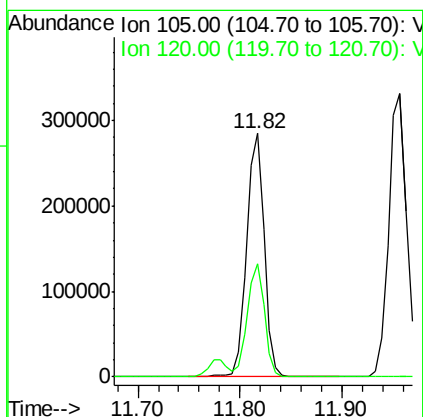
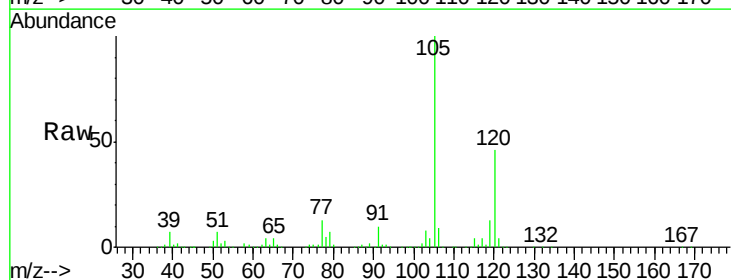
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

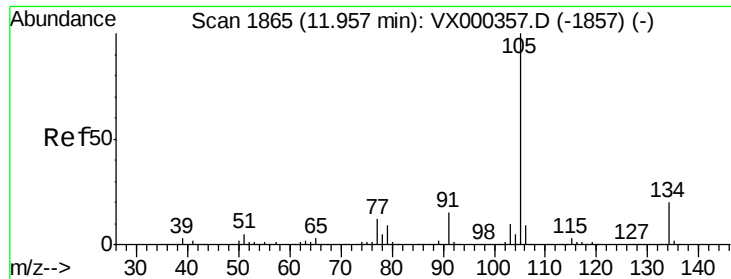
Tgt Ion:119 Resp: 315033
 Ion Ratio Lower Upper
 119 100
 91 58.7 28.8 86.4
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.60 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion:105 Resp: 340205
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3

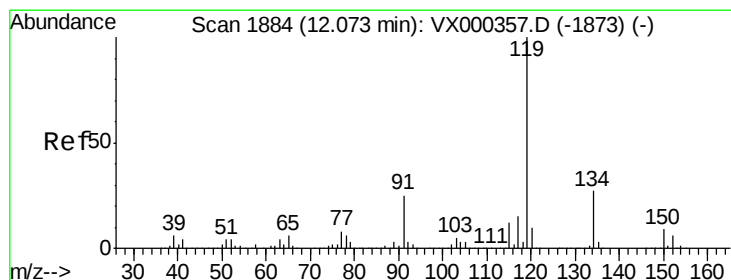
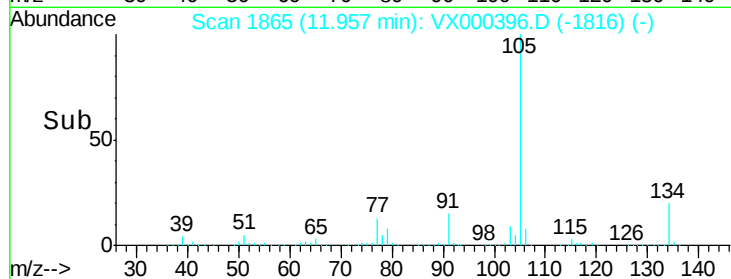
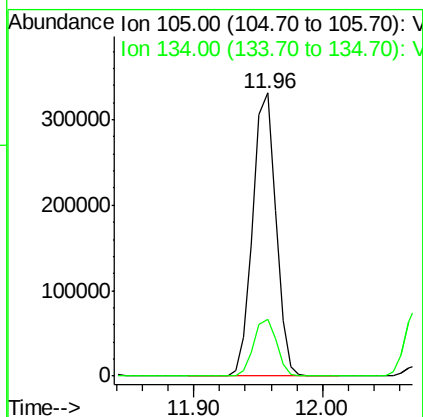
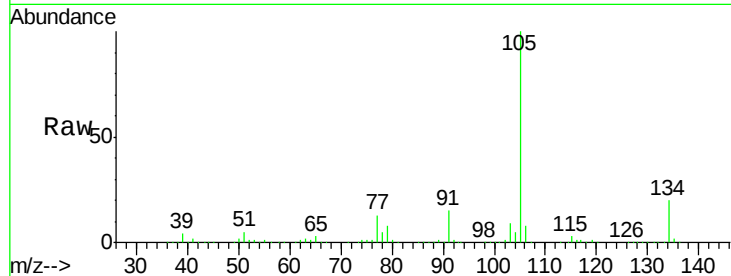




#85
 sec-Butylbenzene
 Concen: 51.10 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

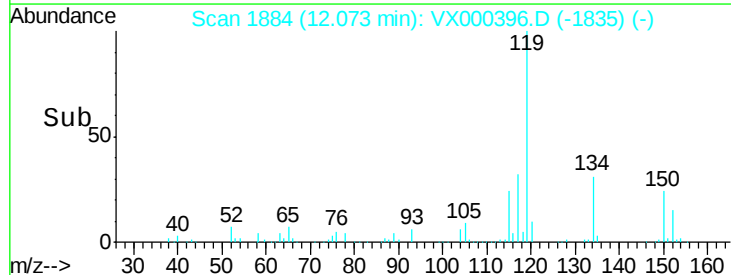
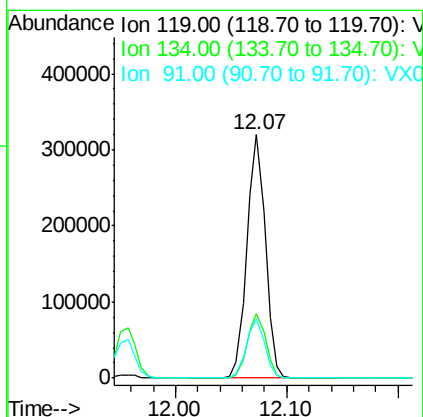
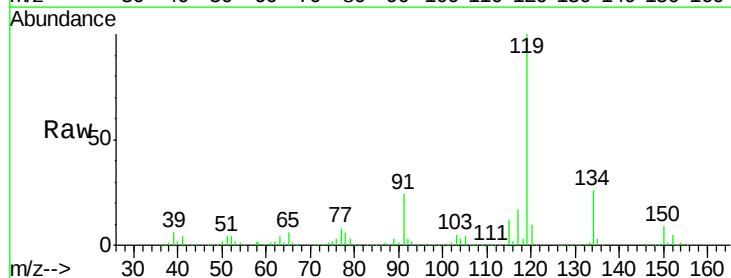
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:105 Resp: 408964
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 51.49 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion:119 Resp: 365978
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.4 12.0 36.1

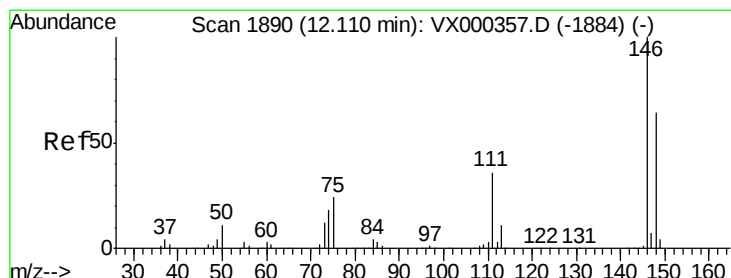
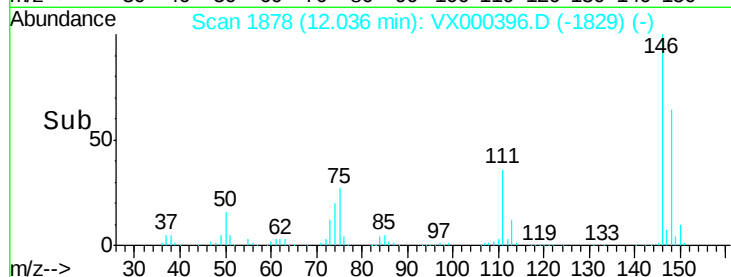
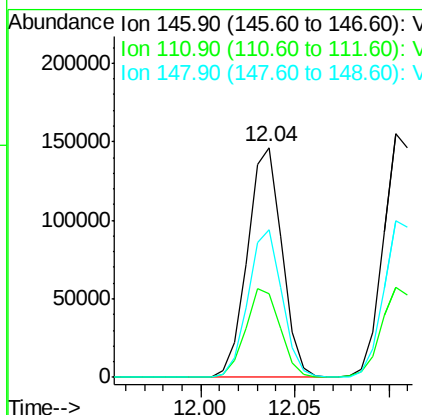
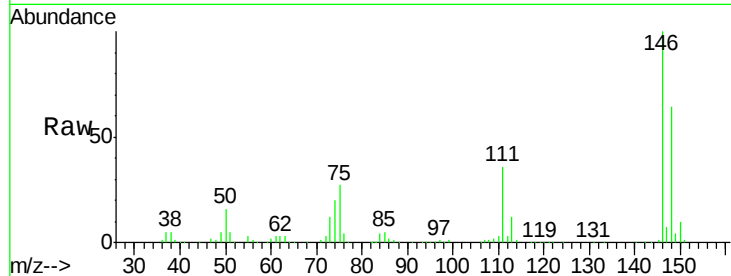




#87
 1,3-Dichlorobenzene
 Concen: 48.27 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

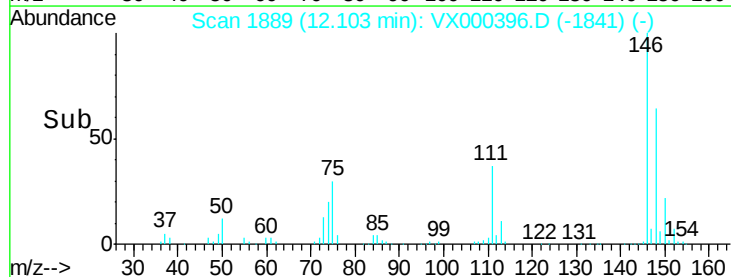
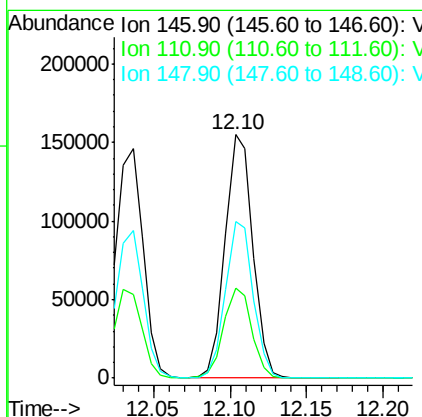
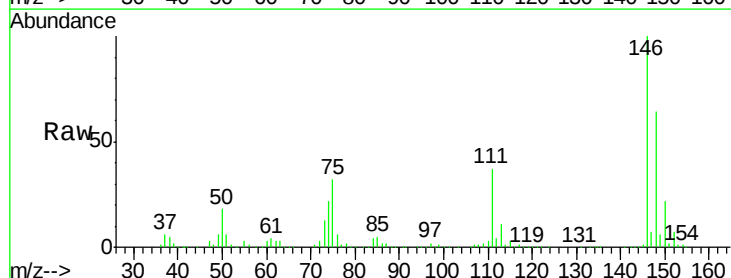
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

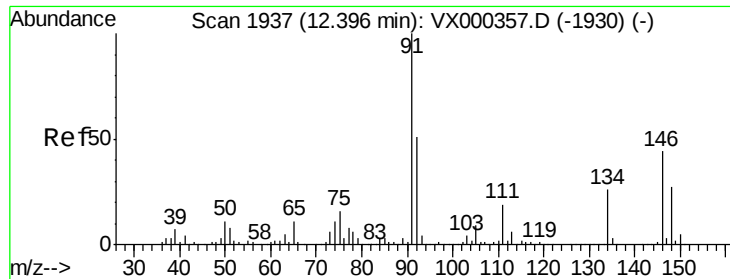
Tgt Ion:146 Resp: 185431
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 63.3 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 48.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion:146 Resp: 194921
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 64.1 31.0 93.0





#89

n-Butylbenzene

Concen: 51.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

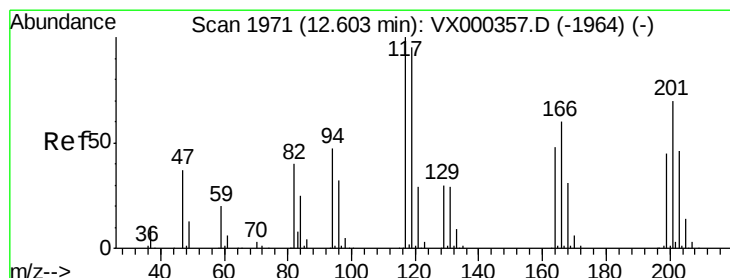
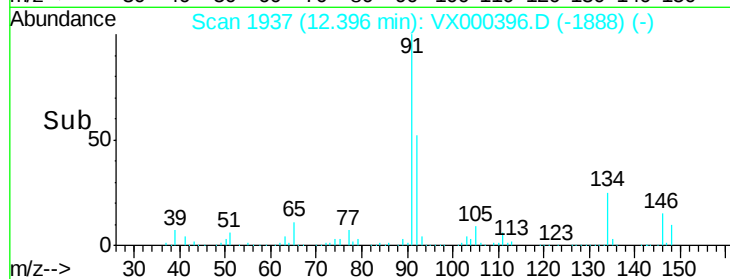
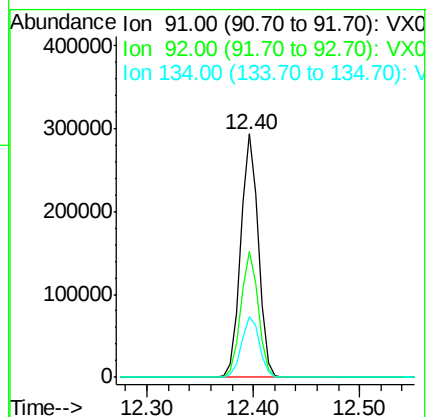
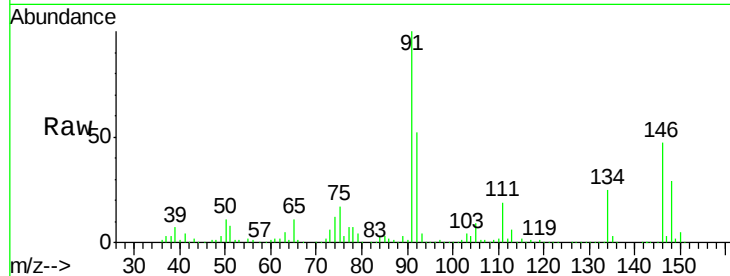
Tgt Ion: 91 Resp: 339763

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

134 25.5 13.1 39.3



#90

Hexachloroethane

Concen: 52.24 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000396.D

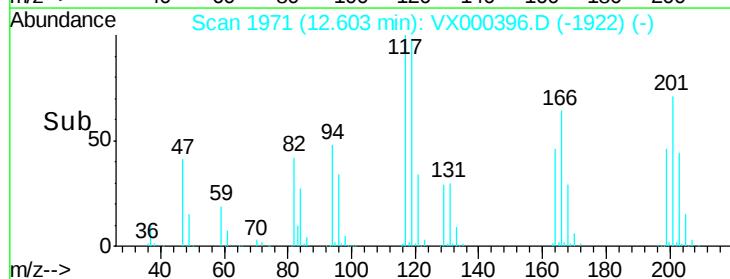
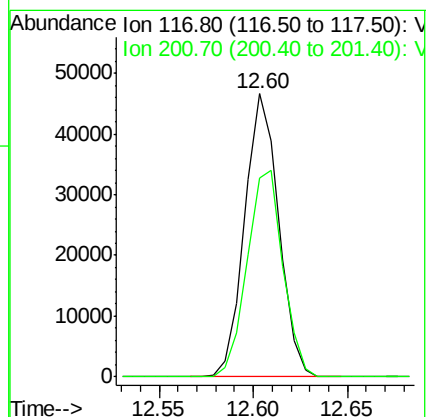
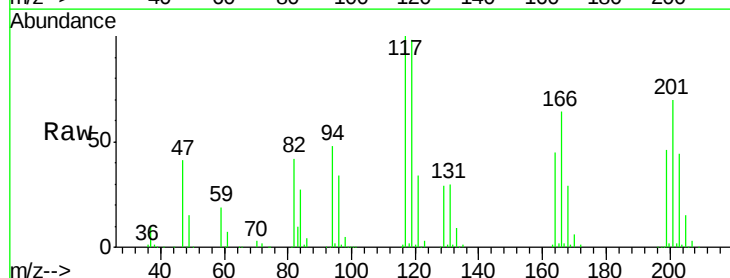
Acq: 22 Mar 2018 10:34

Tgt Ion: 117 Resp: 58435

Ion Ratio Lower Upper

117 100

201 76.9 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 49.20 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

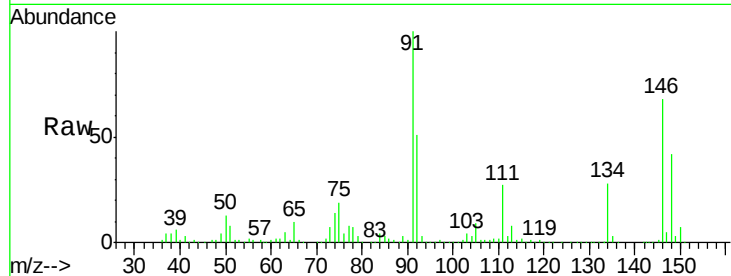
Tgt Ion:146 Resp: 185298

Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.2

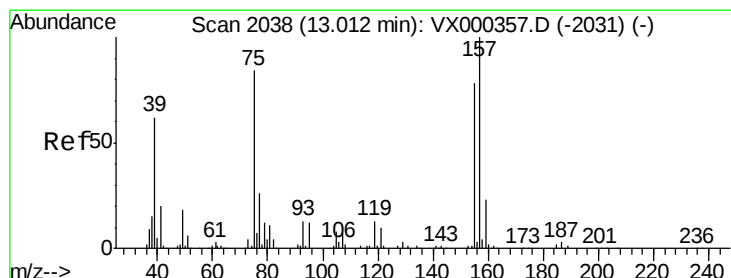
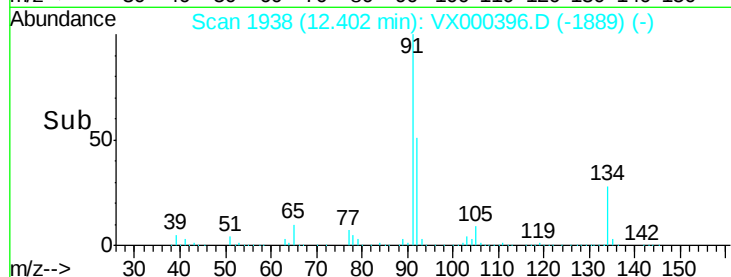
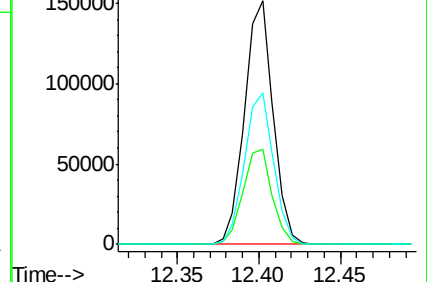
148 63.3 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.31 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

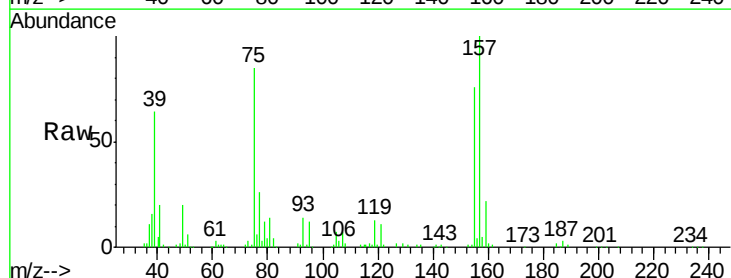
Tgt Ion: 75 Resp: 37095

Ion Ratio Lower Upper

75 100

155 88.0 45.0 134.8

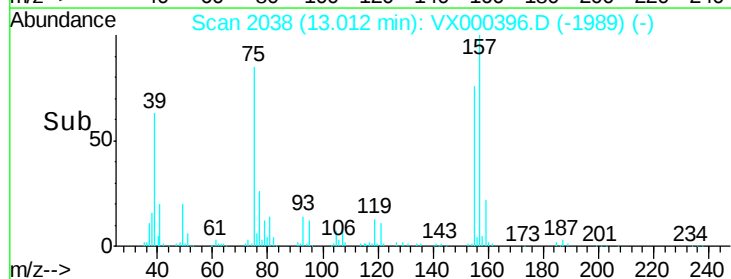
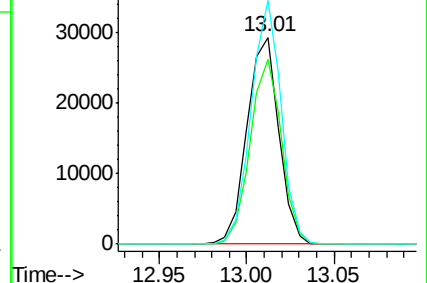
157 111.1 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

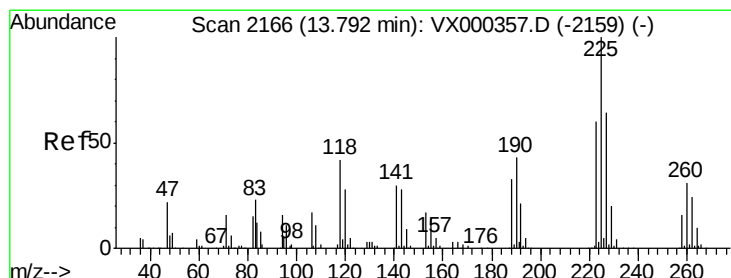
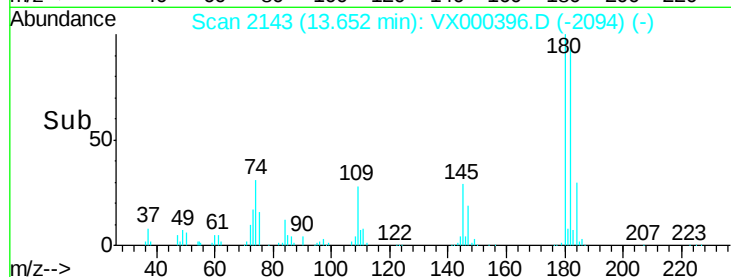
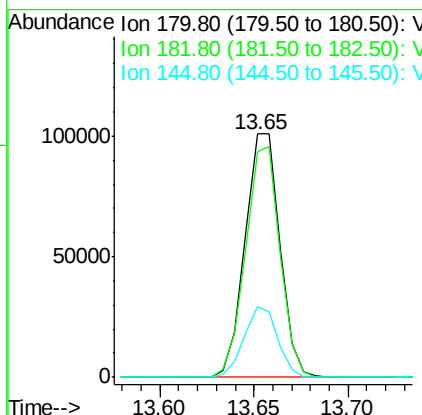
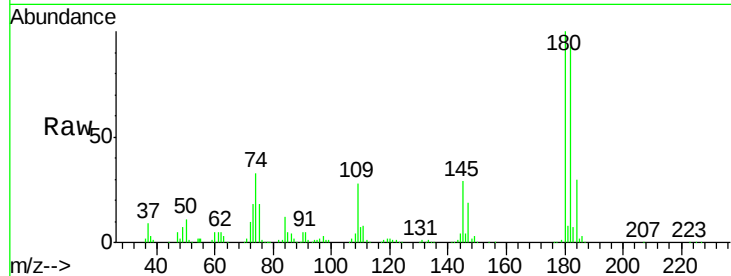




#93
 1,2,4-Trichlorobenzene
 Concen: 47.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

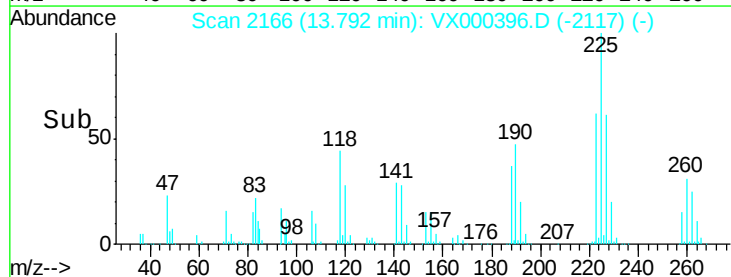
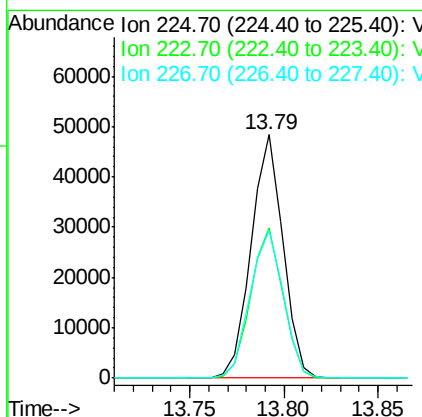
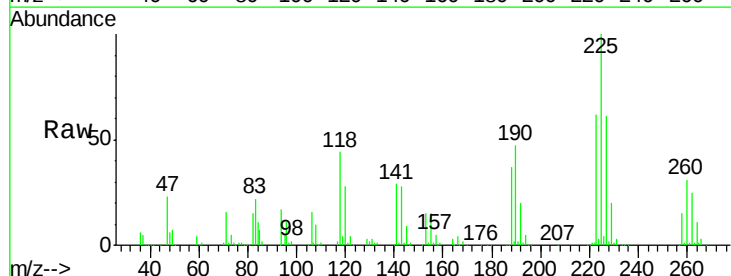
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.9
145	28.1	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 50.72 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.0	96.0
227	63.3	32.6	98.0





#95

Naphthalene

Concen: 49.26 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

BFB

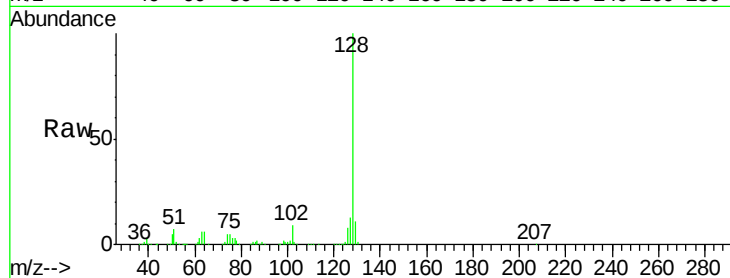
Tgt Ion:128 Resp: 463335

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

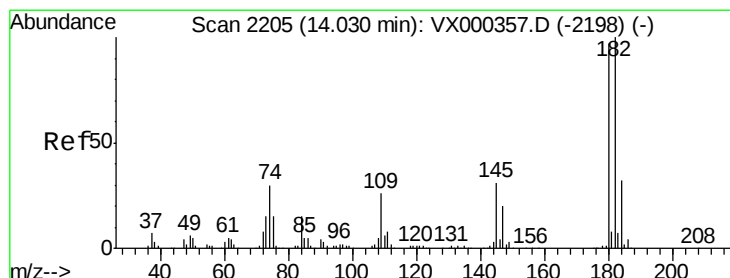
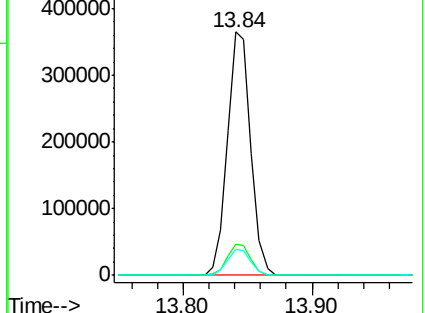
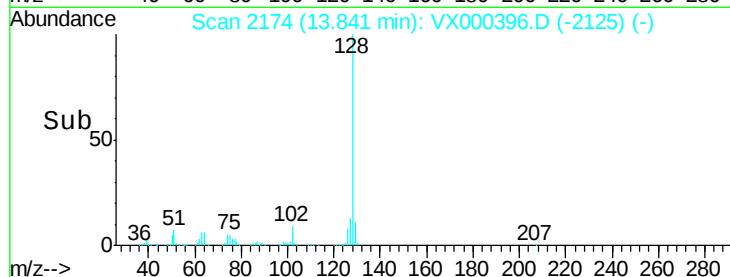
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.84 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

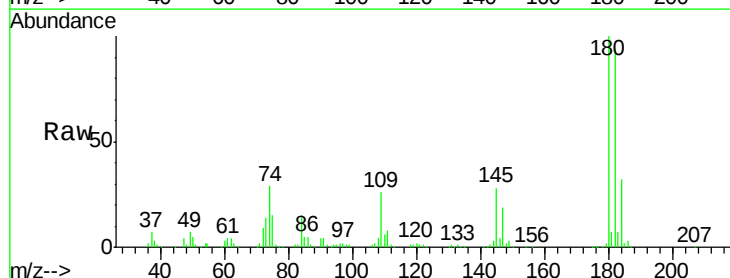
Tgt Ion:180 Resp: 130297

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.3

145 29.9 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

